



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6955**

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on January 24, 2022.

LOCATION: TRAVERSE CITY MGMT UNIT, 2122 M 37 SOUTH, TRAVERSE CITY, MI 49685.

PROSPECTUS NOTE: Effective immediately: all bid openings for the Traverse City Management (Kalkaska Field Office and Traverse City Field Office) will be held at the Traverse City Field Office regardless of sale location within the unit. All payments will now be handled through the Traverse City Field Office. The Kalkaska Field Office will no longer accept payments or hard paper copies of timber sale bids. Payments for all contracts, use permits, bonds, etc. should be sent to the Traverse City Field Office.

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.

16 Rail Mix (61-105-21) / T26N, R06W, SEC. 21, E1/2NW,NE,SW,NWSE.

Kalkaska County, Advertised Price \$37,371.15, 80.5 Acres, Aspen, Spruce/Fir/Tamarack.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

Down Range Hardwoods (61-114-21) / T28N, R05W, SEC. 32, NENE.

T28N, R05W, SEC. 33, NW,W1/2NE,SW.

Kalkaska County, Advertised Price \$144,482.85, 213.3 Acres, Hardwood, Sugar Maple.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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.

Swamp Pine (61-123-21) / T25N, R06W, SEC. 13, NWNW,N1/2SW.

T25N, R06W, SEC. 14, N1/2NW,NENE.

T25N, R06W, SEC. 15, E1/2NE.

Kalkaska County, Advertised Price \$19,398.90, 61.8 Acres, Spruce/Fir/Tamarack, Red Pine.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

Look Up Red Pine (61-127-21) / T27N, R05W, SEC. 14, S1/2NW,SWNE,SW,W1/2SE.

T27N, R05W, SEC. 15, SENE,NESE.

T27N, R05W, SEC. 23, NENW.

Kalkaska County, Advertised Price \$130,867.80, 139.9 Acres, Red Pine, Hardwood.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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

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

Bids must be received by the Unit Manager, TRAVERSE CITY OFFICE, 2122 M 37 South, Traverse City, MI 49685, no later than 4:00 p.m. (local time) on January 24, 2022. For further information concerning this sale, contact David Lemmien at 231-922-6040.

### 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

16 Rail Mix (61-105-21)

T26N, R06W, SEC. 21.

Kalkaska County (Advertised Price \$37,371.15)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
B. T. Aspen	28.3 MBF	\$ 94.00 / MBF
Red Maple	13.1 MBF	\$ 126.00 / MBF
Red Pine	17.8 MBF	\$ 84.00 / MBF
White Pine	35.2 MBF	\$ 34.00 / MBF
Pulpwood		
B. T. Aspen	88 Cords	\$ 12.80 / Cord
Balsam Fir	492 Cords	\$ 8.45 / Cord
Black Cherry	16 Cords	\$ 13.45 / Cord
Black Spruce	106 Cords	\$ 19.60 / Cord
Paper Birch	22 Cords	\$ 11.40 / Cord
Quaking Aspen	1,376 Cords	\$ 12.80 / Cord
Red Maple	75 Cords	\$ 13.45 / Cord
Red Pine	65 Cords	\$ 33.40 / Cord
White Pine	124 Cords	\$ 14.10 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 6.41 percent. There are an estimated 2,495 cords on this timber sale, plus or minus 160 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 \$1,869.00 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	28.0%
02	52.2%
03	19.8%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 04/14/2024.

### **SALE STATISTICS**

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

## SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
197,117	2,495	6.41%	2,335	2,655

## 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.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
28	47,328	599	19.53%	482	716
30	12,556	159	13.23%	138	180
39	8,194	104	40.00%	62	145
41	107,835	1,365	6.97%	1,270	1,460
73	25,888	328	13.91%	282	373
<b>TOTAL:</b>	<b>201,802</b>	<b>2,554</b>		<b>2,234</b>	<b>2,875</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
28	31.4	3	31.4
30	5.2	1	5.2
39	4.0	2	4.0
41	33.0	1	6.5
		2	26.5
73	6.9	1	4.9
		2	2.0
<b>TOTAL:</b>	<b>80.5</b>		<b>80.5</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	5.6	MBF	16.6	\$10,480.90
	Red Maple		4.5	MBF		
	Red Pine		12.6	MBF		
	White Pine		23.1	MBF		
	B. T. Aspen	Pulpwood	7	Cords		
	Balsam Fir		185	Cords		
	Quaking Aspen		236	Cords		
	Red Maple		9	Cords		
	Red Pine		46	Cords		
	White Pine		86	Cords		
	2	B. T. Aspen	Sawtimber	22.7		
Red Maple			8.6	MBF		
Red Pine			5.2	MBF		
White Pine			12.1	MBF		
B. T. Aspen		Pulpwood	29	Cords		
Balsam Fir			170	Cords		
Black Spruce			53	Cords		
<i>Black Spruce</i>		<i>Sawtimber</i>	8.2	<i>MBF</i>		
<i>Black Spruce</i>		<i>Pulpwood</i>	37	<i>Cords</i>		
Quaking Aspen			864	Cords		
Red Maple			25	Cords		
Red Pine			19	Cords		
White Pine			38	Cords		
3		B. T. Aspen	Pulpwood	52	Cords	31.4
	Balsam Fir		137	Cords		
	Black Cherry		16	Cords		
	Black Spruce		53	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	2.2	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	49	<i>Cords</i>		
	Paper Birch		22	Cords		
	Quaking Aspen		276	Cords		
	Red Maple		41	Cords		
TOTAL:			94.4	MBF		
TOTAL:			2,364	Cords		

## Sale Specific Conditions & Requirements

Sale Name: 16 Rail Mix

Sale Number: 61-105-21 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.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1-3, cut all trees which meet minimum piece specifications in 2.2 Utilization, except cedar and hemlock. Additionally, do not cut white pine over 22" DBH and green marked trees.

### 4 - Transportation

#### 4.1 - Construction

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

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks.

#### 4.2 - Maintenance

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

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

### 5 - Operations

#### 5.1 - Notification

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

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

##### 5.2.4 - 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) 1-3 leave one, 12" diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres. These will be evenly scattered throughout the Payment 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.

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

#### 6.2 - Signing

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

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



# TIMBER SALE MAP

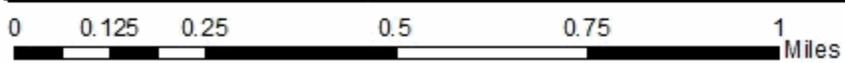
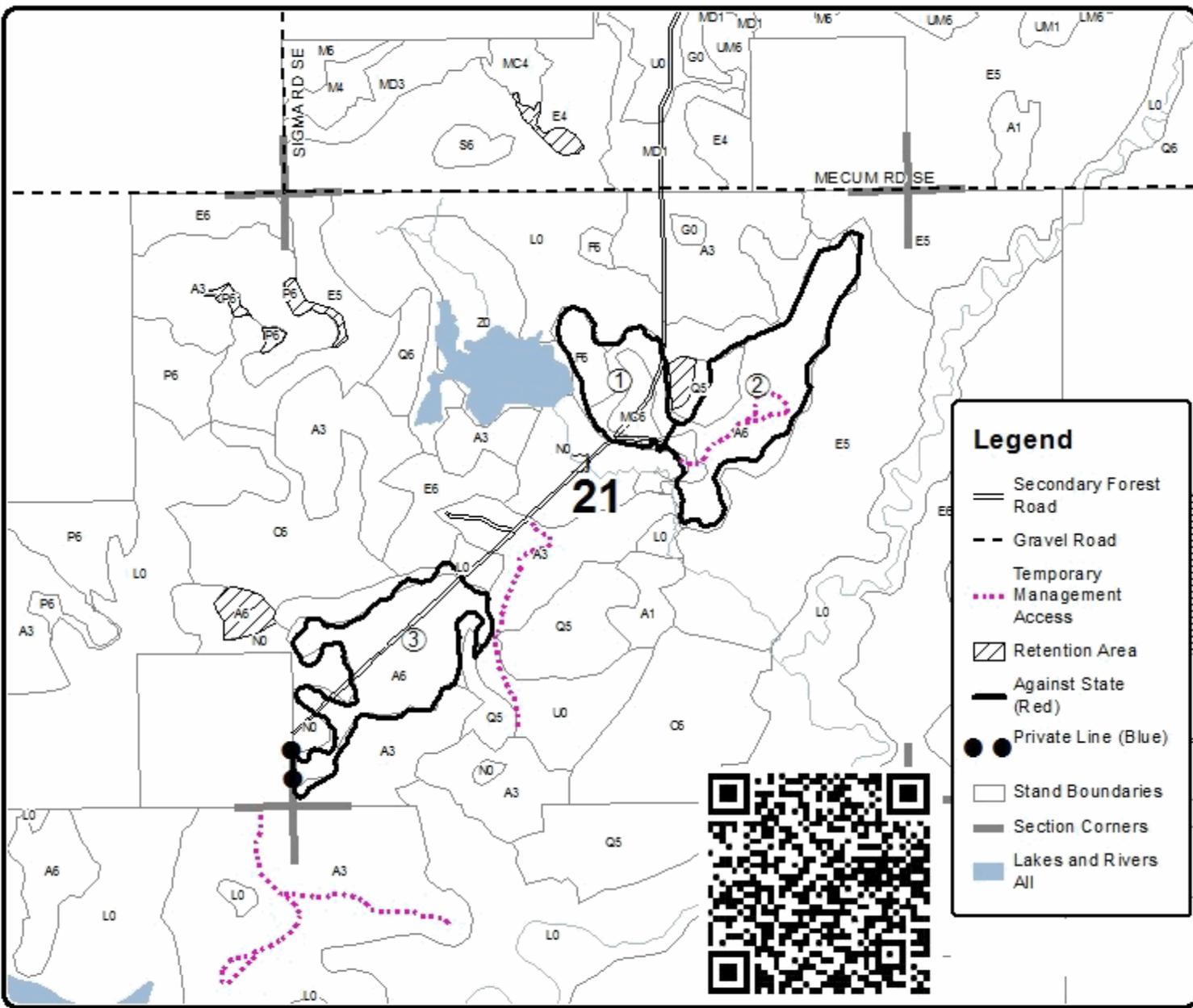
This information provided by authority of Part 525, 1994 PA 451 as amended.

Forest Management Unit	County	Mapped By	Date	Page	of
Traverse City Management Unit	Kalkaska	Tweedale	09/15/2021	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
26N	06W	Sec. 21 E1/2NW, NE, SW, NWSE	1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seeding Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seeding Sapling Medium	7 = Saw Timber Poor
D = Tread Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seeding Sapling Well	8 = Saw Timber Medium
E = Swamp Hardwoods	M = Mpl. Ech. 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 = Creas	MD = Mixed Deciduous	T = Tamarack			

PU	Acres
1	16.6
2	32.5
3	31.4

**16 Rail Mix**  
**Compartment 125**  
**80.5 Acres**



## TIMBER SALE INFORMATION

Down Range Hardwoods (61-114-21)  
 T28N, R05W, SEC. 32; T28N, R05W, SEC. 33.  
 Kalkaska County (Advertised Price \$144,482.85)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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 Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
<b>Sawtimber</b>		
Basswood	240.0 MBF	\$ 87.00 / MBF
Beech	9.3 MBF	\$ 90.00 / MBF
Black Cherry	250.8 MBF	\$ 147.00 / MBF
Quaking Aspen	14.2 MBF	\$ 94.00 / MBF
Red Maple	190.6 MBF	\$ 126.00 / MBF
Red Pine	1.3 MBF	\$ 84.00 / MBF
Sugar Maple	115.3 MBF	\$ 206.00 / MBF
White Pine	15.0 MBF	\$ 34.00 / MBF
<b>Pulpwood</b>		
Basswood	344 Cords	\$ 13.85 / Cord
Black Cherry	539 Cords	\$ 13.45 / Cord
Mixed Hardwood	31 Cords	\$ 13.45 / Cord
Quaking Aspen	92 Cords	\$ 12.80 / Cord
Red Maple	681 Cords	\$ 13.45 / Cord
Red Pine	32 Cords	\$ 33.40 / Cord
Sugar Maple	842 Cords	\$ 13.45 / Cord
White Pine	72 Cords	\$ 14.10 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 4.34 percent. There are an estimated 4,720 cords on this timber sale, plus or minus 205 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

**BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$11,559.00 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	21.8%
02	8.1%
03	27.4%
04	21.1%
05	21.6%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 04/14/2025.

**SALE STATISTICS**

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

### SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
372,879	4,720	4.34%	4,515	4,925

### 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
25	74,565	944	11.75%	833	1,055
31	140,201	1,775	6.31%	1,663	1,887
38	125,375	1,587	6.41%	1,485	1,689
<b>TOTAL:</b>	<b>340,141</b>	<b>4,306</b>		<b>3,981</b>	<b>4,630</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
25	28.1	1	28.1
31	105.9	3	4.5
		4	50.1
		5	51.3
38	79.3	2	19.1
		3	60.2
<b>TOTAL:</b>	<b>213.3</b>		<b>213.3</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Black Cherry	Sawtimber	143.5	MBF	28.1	\$31,484.20	
	Quaking Aspen		9.7	MBF			
	Red Maple		7.6	MBF			
	White Pine		15.0	MBF			
	Black Cherry	Pulpwood	299	Cords			
	Quaking Aspen		19	Cords			
	Red Maple		203	Cords			
	White Pine		72	Cords			
2	Basswood	Sawtimber	41.7	MBF	19.1	\$11,687.35	
	Beech		2.2	MBF			
	Black Cherry		3.5	MBF			
	Quaking Aspen		1.1	MBF			
	Red Maple		14.7	MBF			
	Sugar Maple		10.8	MBF			
	Basswood		Pulpwood	66			Cords
	Black Cherry	12		Cords			
	Mixed Hardwood	7		Cords			
	<i>Beech</i>	5		Cords			
	<i>Ironwood</i>	1		Cords			
	<i>Yellow Birch</i>	1		Cords			
	Quaking Aspen	11		Cords			
	Red Maple	43		Cords			
	Sugar Maple	95	Cords				
3	Basswood	Sawtimber	134.1	MBF	64.7	\$39,609.90	
	Beech		7.1	MBF			
	Black Cherry		15.0	MBF			
	Quaking Aspen		3.4	MBF			
	Red Maple		51.5	MBF			
	Red Pine		0.1	MBF			
	Sugar Maple		37.1	MBF			
	Basswood		Pulpwood	212			Cords
	Black Cherry			46			Cords
	Mixed Hardwood			22			Cords
	<i>Beech</i>			15			Cords
	<i>Ironwood</i>			4			Cords
	<i>Yellow Birch</i>			3			Cords
	Quaking Aspen			36			Cords
	Red Maple			148			Cords
	Red Pine			1			Cords
Sugar Maple	320	Cords					
4	Basswood	Sawtimber	31.7	MBF	50.1	\$30,487.85	
	Black Cherry		43.9	MBF			
	Red Maple		57.7	MBF			
	Red Pine		0.6	MBF			
	Sugar Maple		33.3	MBF			
	Basswood	Pulpwood	33	Cords			
	Black Cherry		90	Cords			
	Mixed Hardwood		1	Cords			
	<i>Ironwood</i>		1	Cords			
	Quaking Aspen		13	Cords			
	Red Maple		142	Cords			
	Red Pine		15	Cords			
	Sugar Maple		211	Cords			
	5		Basswood	Sawtimber			32.5
Black Cherry		44.9	MBF				
Red Maple		59.1	MBF				

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Red Pine	Sawtimber	0.6	MBF		
	Sugar Maple		34.1	MBF		
	Basswood	Pulpwood	33	Cords		
	Black Cherry		92	Cords		
	Mixed Hardwood		1	Cords		
	<i>Ironwood</i>		1	<i>Cords</i>		
	Quaking Aspen		13	Cords		
	Red Maple		145	Cords		
	Red Pine		16	Cords		
	Sugar Maple		216	Cords		
TOTAL:			836.5	MBF		
TOTAL:			2,633	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: Down Range Hardwoods**

**Sale Number: 61-114-21 Seq#: 1**

## 1 - Sale Area

### 1.2 - Boundaries

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

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 2-5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, cut all ironwood, beech, and aspen, except for those marked with an orange 'X'.

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

Within Payment Unit(s) 1, all trees with DBH equal to or greater than 4 inches which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except trees marked with green paint.

### 2.2 - Utilization

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

Skidding of unlimbed tops or lengths over 17 feet is not permissible.

## 3 - Payments

### 3.3 - Pre-measured Sales

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

Payment Unit(s) 1-5 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

### 3.4 - Damaged Timber

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

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. Within the Sale Area, if more than 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 \$200 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 10 % of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

## 4 - Transportation

### 4.1 - Construction

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

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back

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

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

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. 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. Contact the sale administrator for specific details of design and placement.

## 5 - Operations

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

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

#### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-5, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

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

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand.

##### 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 and it is shown on the Timber Sale Map. Do not cut trees or damage posts with 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. 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 (10/20)

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

#### 6.2.3 - Recreational trail posting (10/20)

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



# TIMBER SALE MAP

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

Forest Management Unit Traverse City	County Kalkaska	Mapped By Crigier	Date 02/18/21	Page 1	of 1
Township 28N	Range 05W	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
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	28.1	4	50.1
2	19.1	5	51.3
3	64.7		

## Down Range Hardwoods

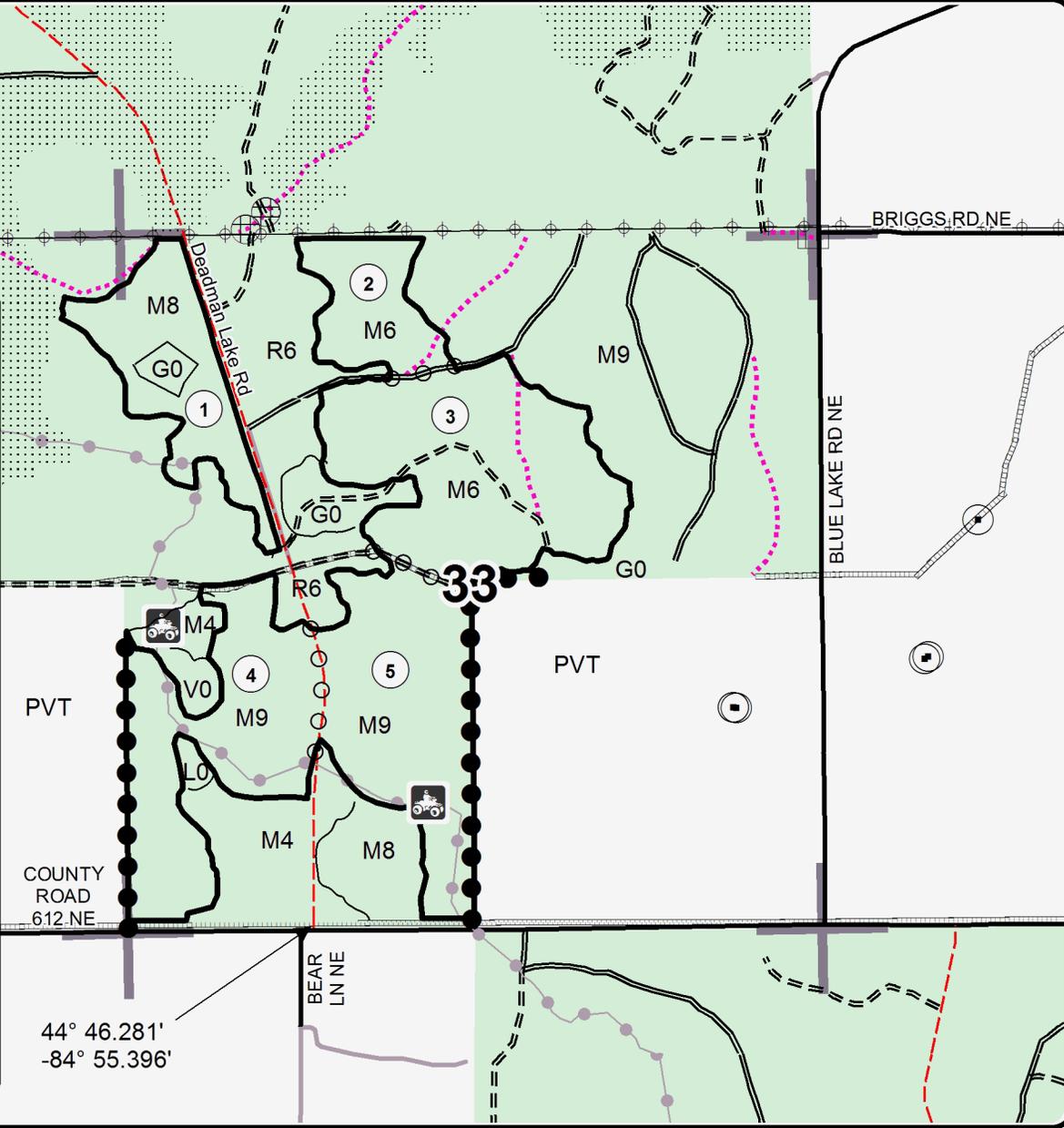
### Compartment 208

213.3 Acres



### Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Recreational Trails
- Oil & Gas Well Surface Locations
- Secondary Forest Road
- Forest Access Route
- Paved Road
- County Road - Seasonal
- Private
- Temporary Management Access
- Nearby Sales
- Pipeline
- Powerline
- Section Corners
- State Forests



44° 46.281'  
-84° 55.396'



## TIMBER SALE INFORMATION

### Swamp Pine (61-123-21)

T25N, R06W, SEC. 13; T25N, R06W, SEC. 14; T25N, R06W, SEC. 15.  
Kalkaska County (Advertised Price \$19,398.90)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
B. T. Aspen	3.8 MBF	\$ 94.00 / MBF
Jack Pine	29.6 MBF	\$ 18.00 / MBF
Red Maple	18.9 MBF	\$ 126.00 / MBF
Red Oak	8.0 MBF	\$ 110.00 / MBF
Red Pine	53.1 MBF	\$ 84.00 / MBF
Pulpwood		
B. T. Aspen	31 Cords	\$ 12.80 / Cord
Black Spruce	188 Cords	\$ 19.60 / Cord
Jack Pine	76 Cords	\$ 9.25 / Cord
Red Maple	114 Cords	\$ 13.45 / Cord
Red Oak	4 Cords	\$ 15.10 / Cord
Red Pine	132 Cords	\$ 33.40 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 12.99 percent. There are an estimated 857 cords on this timber sale, plus or minus 111 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 \$970.00 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	22.8%
02	25.9%
03	51.3%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 04/14/2025.

### **SALE STATISTICS**

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

### **SALE VOLUMES**

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
67,740	857	12.99%	746	969

## 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
32	16,186	205	22.47%	159	251
36	18,870	239	22.98%	184	294
65	25,852	327	21.46%	257	397
<b>TOTAL:</b>	<b>60,908</b>	<b>771</b>		<b>600</b>	<b>942</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
32	18.2	2	18.2
36	22.2	1	22.2
65	21.4	3	21.4
<b>TOTAL:</b>	<b>61.8</b>		<b>61.8</b>

## DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Jack Pine	Sawtimber	3.9	MBF	22.2	\$4,426.55			
	Red Maple		2.3	MBF					
	Black Spruce	Pulpwood	188	Cords					
	Jack Pine		34	Cords					
	Red Maple		5	Cords					
2	B. T. Aspen	Sawtimber	3.8	MBF	18.2	\$5,029.25			
	Jack Pine		4.0	MBF					
	Red Oak		4.2	MBF					
	B. T. Aspen	Pulpwood	2	Cords					
	Jack Pine		18	Cords					
	Red Maple		69	Cords					
	Red Oak		3	Cords					
	Red Pine		89	Cords					
3	Jack Pine	Sawtimber	21.7	MBF	21.4	\$9,943.10			
	Red Maple		16.6	MBF					
	Red Oak		3.8	MBF					
	Red Pine		53.1	MBF					
	B. T. Aspen	Pulpwood	29	Cords					
	Jack Pine		24	Cords					
	Red Maple		40	Cords					
	Red Oak		1	Cords					
	Red Pine		43	Cords					
	<b>TOTAL:</b>			113.4			MBF		
	<b>TOTAL:</b>			545			Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Swamp Pine**

**Sale Number: 61-123-21 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. 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

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

Within Payment Unit(s) 1, cut all trees which meet minimum piece specifications in 2.2 Utilization.

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

Within Payment Unit(s) 2 and 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, cut all aspen, jack pine and red maple.

#### 2.2 - Utilization

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

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit(s) 2 and 3. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

### 4 - Transportation

#### 4.2 - Maintenance

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

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

### 5 - Operations

#### 5.1 - Notification

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

A pre-sale conference 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 5 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.

##### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 2 and 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.

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

Within Payment Unit(s) 2 and 3 cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

#### 5.2.22 - Operating Caution

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

It is recommended, but not required, that within Payment Unit(s) 1-3, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because sandy access and seasonal wet areas.

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

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31.

#### 5.4 - Soil Protection

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

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

### 6 - Safety and Fire Prevention

#### 6.2 - Signing

##### 6.2.3 - Recreational trail posting (10/20)

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



# TIMBER SALE MAP

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

Forest Management Unit Traverse City Unit		County Kalkaska	Mapped By Roell	Date 09/24/2021	Page 1	of 1
Township T25N	Range R06W	Section(s) and Subdivision(s) N1/2SW, NWNW Sec13; NENE, N1/2NW Sec14; E1/2NE Sec15		Scale 1:15,840		

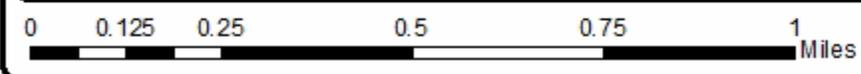
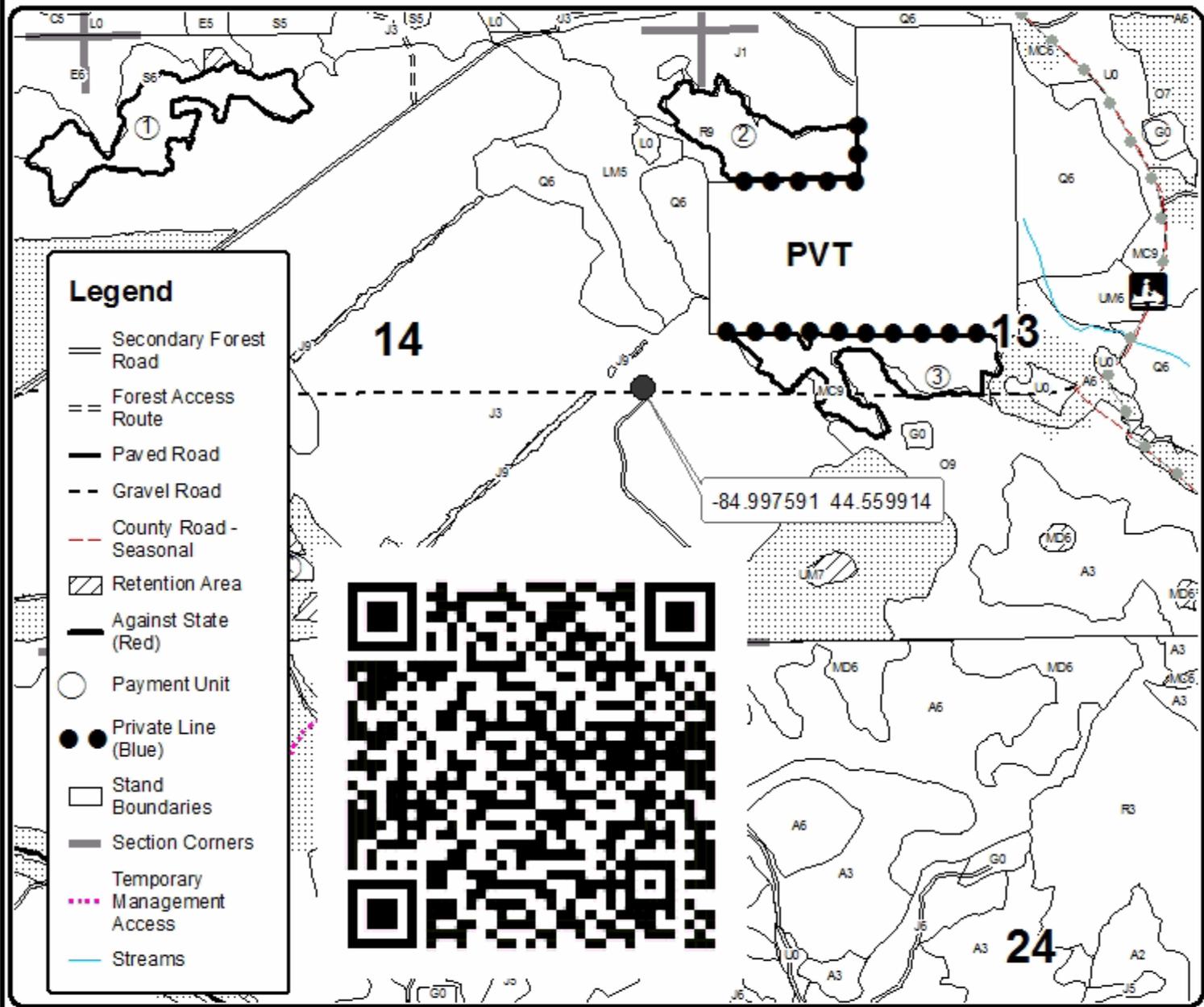
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seeding Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seeding Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seeding Sapling Well	8 = Saw Timber Medium
E = Swamp Hardwoods	M = Mpl. Ech. 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 = Creas	MD = Mixed Deciduous	T = Tamarack			

PU	Acres
1	22.2
2	18.2
3	21.4

## Swamp Pine

### Compartment 137

61.8 Acres





## TIMBER SALE INFORMATION

### Look Up Red Pine (61-127-21)

T27N, R05W, SEC. 14; T27N, R05W, SEC. 15; T27N, R05W, SEC. 23.  
Kalkaska County (Advertised Price \$130,867.80)

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
<b>Sawtimber</b>		
B. T. Aspen	8.5 MBF	\$ 111.00 / MBF
Beech	1.4 MBF	\$ 106.00 / MBF
Black Cherry	15.7 MBF	\$ 174.00 / MBF
Red Maple	11.8 MBF	\$ 149.00 / MBF
Red Oak	4.3 MBF	\$ 130.00 / MBF
Red Pine	1,032.7 MBF	\$ 100.00 / MBF
White Pine	5.7 MBF	\$ 40.00 / MBF
<b>Pulpwood</b>		
B. T. Aspen	33 Cords	\$ 15.10 / Cord
Jack Pine	46 Cords	\$ 10.95 / Cord
Mixed Hardwood	90 Cords	\$ 15.90 / Cord
Red Pine	475 Cords	\$ 39.50 / Cord
White Pine	2 Cords	\$ 16.70 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 6.05 percent. There are an estimated 3,058 cords on this timber sale, plus or minus 185 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

1. A bond in the amount of \$13,087.00 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	3.2%
02	6.8%
03	19.6%
04	26.2%
05	15.7%
06	7.7%
07	20.8%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 04/14/2024.

### **SALE STATISTICS**

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

## SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
241,582	3,058	6.05%	2,873	3,243

## 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.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
12	211,534	2,678	6.12%	2,514	2,841
39	10,235	130	36.64%	82	177
<b>TOTAL:</b>	<b>221,769</b>	<b>2,807</b>		<b>2,596</b>	<b>3,018</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
12	135.0	2	9.5
		3	27.3
		4	36.5
		5	21.9
		6	10.8
		7	29.0
		39	4.9
<b>TOTAL:</b>	<b>139.9</b>		<b>139.9</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	8.5	MBF	4.9	\$4,207.00
	Beech		1.4	MBF		
	Red Maple		11.8	MBF		
	B. T. Aspen	Pulpwood	33	Cords		
	Mixed Hardwood		54	Cords		
	<i>Beech</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		39	<i>Cords</i>		
	<i>Red Oak</i>		4	<i>Cords</i>		
	<i>Sugar Maple</i>		9	<i>Cords</i>		
2	Black Cherry	Sawtimber	1.1	MBF	9.5	\$8,884.55
	Red Oak		0.3	MBF		
	Red Pine		72.7	MBF		
	White Pine		0.4	MBF		
	Jack Pine	Pulpwood	3	Cords		
	Mixed Hardwood		2	Cords		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	Red Pine		33	Cords		
3	Black Cherry	Sawtimber	3.2	MBF	27.3	\$25,603.65
	Red Oak		0.9	MBF		
	Red Pine		208.8	MBF		
	White Pine		1.2	MBF		
	Jack Pine	Pulpwood	9	Cords		
	Mixed Hardwood		7	Cords		
	<i>Black Cherry</i>		6	<i>Cords</i>		
	<i>Red Oak</i>		1	<i>Cords</i>		
	Red Pine		96	Cords		
4	Black Cherry	Sawtimber	4.2	MBF	36.5	\$34,307.05
	Red Oak		1.2	MBF		
	Red Pine		279.3	MBF		
	White Pine		1.5	MBF		
	Jack Pine	Pulpwood	13	Cords		
	Mixed Hardwood		10	Cords		
	<i>Black Cherry</i>		9	<i>Cords</i>		
	<i>Red Oak</i>		1	<i>Cords</i>		
	Red Pine		129	Cords		
	White Pine		2	Cords		
5	Black Cherry	Sawtimber	2.5	MBF	21.9	\$20,525.55
	Red Oak		0.7	MBF		
	Red Pine		167.5	MBF		
	White Pine		0.9	MBF		
	Jack Pine	Pulpwood	7	Cords		
	Mixed Hardwood		6	Cords		
	<i>Black Cherry</i>		5	<i>Cords</i>		
	<i>Red Oak</i>		1	<i>Cords</i>		
	Red Pine		77	Cords		
6	Black Cherry	Sawtimber	1.3	MBF	10.8	\$10,137.70
	Red Oak		0.3	MBF		
	Red Pine		82.6	MBF		
	White Pine		0.5	MBF		
	Jack Pine	Pulpwood	4	Cords		
	Mixed Hardwood		3	Cords		
	<i>Black Cherry</i>		3	<i>Cords</i>		
	Red Pine		38	Cords		
7	Black Cherry	Sawtimber	3.4	MBF	29.0	\$27,202.30
	Red Oak		0.9	MBF		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	Red Pine	Sawtimber	221.8	MBF		
	White Pine		1.2	MBF		
	Jack Pine	Pulpwood	10	Cords		
	Mixed Hardwood		8	Cords		
	<i>Black Cherry</i>		7	<i>Cords</i>		
	<i>Red Oak</i>		1	<i>Cords</i>		
	Red Pine		102	Cords		
TOTAL:			1,080.1	MBF		
TOTAL:			646	Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Look Up Red Pine**

**Sale Number: 61-127-21 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 paint, pink paint, and roads. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with pink paint or designated by roads, as shown on the Timber Sale Map. 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.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 2-7, all red pine trees greater than 8" at DBH, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting. In addition, cut all trees of the following species greater than 6" at DBH: jack pine, white pine, cherry, red maple, and red oak.

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

Within Payment Unit(s) 1, cut all trees that are four (4) inches or more at DBH, except trees marked with green paint above and below stump height.

#### 2.2 - Utilization

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

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) greater than \$25,000 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

#### 3.4 - Damaged Timber

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

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. Within the Sale Area, if more than 25% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$300 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 10% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

### 4 - Transportation

#### 4.1 - Construction

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

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

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

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

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. 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, trucks and ORVs. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for specific details of design and placement.

## 5 - Operations

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

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

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

#### 5.2.2 - 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) 1-7, 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.

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

Within Payment Unit(s) 1-7, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt. However, if access roads have been brushed out ahead of time, hauling may be permitted during the restricted period.

##### 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.

##### 5.2.3.11 - Coppice regeneration protection (4/10)

Any post-harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

#### 5.2.22 - Operating Caution

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

It is recommended, but not required, that within Payment Unit(s) 2-7, cutting and skidding occur during leaf-off conditions. The reason for the recommendation is because the subcanopy is dense and leaf-off conditions will make it easier to find the trees to be cut.

#### 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 windrowed on the edge.

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

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

### 5.4 - Soil Protection

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

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 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 (10/20)

The Purchaser is responsible for posting and maintaining caution signs on haul roads through the Sale Area (Forest Trail and unnamed road between Payment Units 2 and 3) prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



# TIMBER SALE MAP

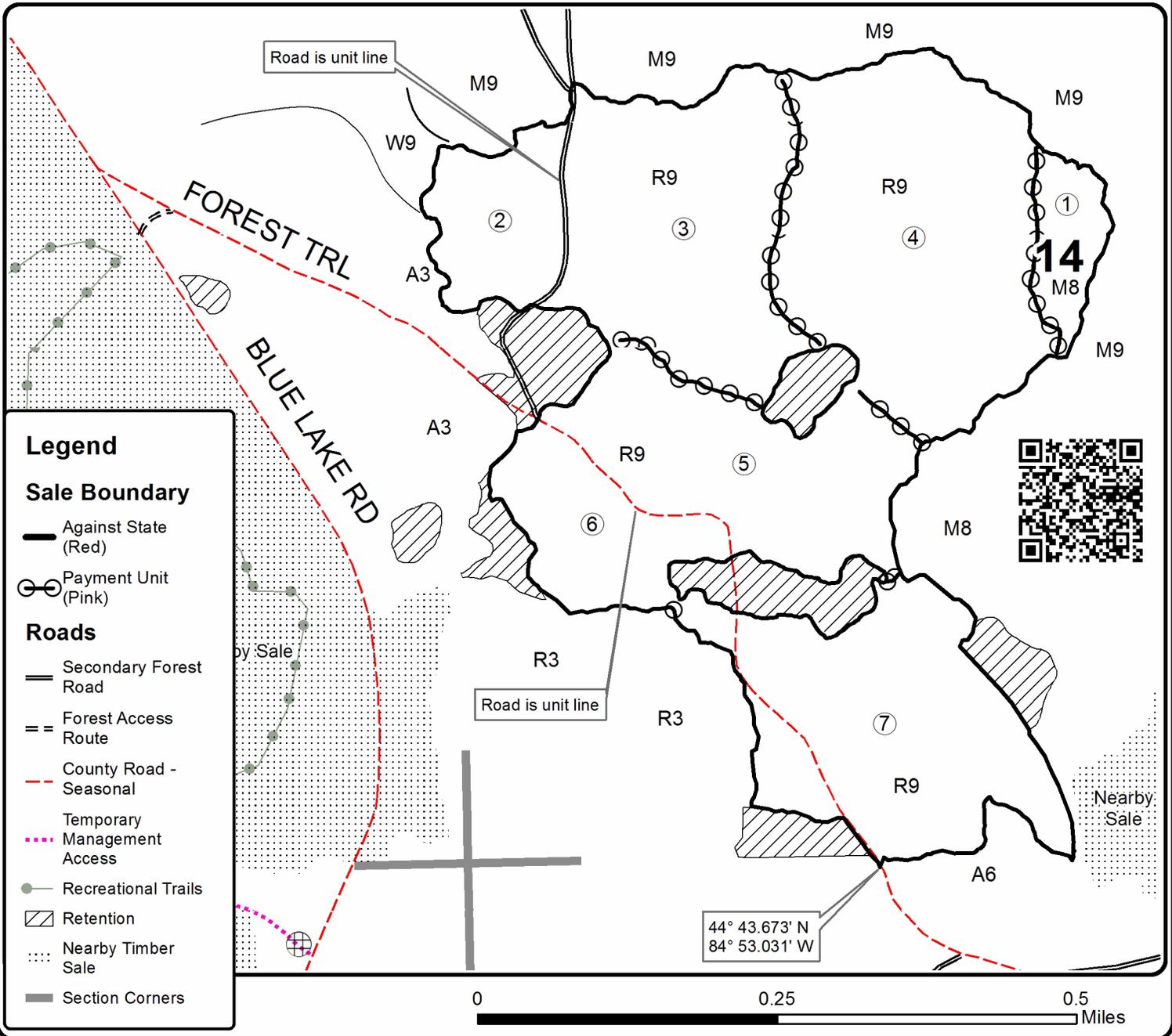
This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Traverse City		County Kalkaska	Mapped By Armstrong	Date 7/15/2021	Page 1	of 1
Township 27N	Range 5W	Section(s) and Subdivision(s) Sec. 14: S1/2NW,SWNE,SW,W1/2SE Sec. 15: SENE,NESE; Sec. 23: NENW		Scale 1:7,920		

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

PU	Acres	PU	Acres	PU	Acres
1	4.9	4	36.5	7	29.0
2	9.5	5	21.9		
3	27.3	6	10.8		

**Look Up Red Pine**  
**Compartment 113**  
**139.9 Acres**



Down Range Hardwoods (61-114-21)  
T28N, R05W, SEC. 32; T28N, R05W, SEC. 33; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on January 24, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
<b>Sawtimber</b>			
Basswood	240.0 MBF	\$ 87.00/MBF	\$ _____
Beech	9.3 MBF	\$ 90.00/MBF	\$ _____
Black Cherry	250.8 MBF	\$ 147.00/MBF	\$ _____
Quaking Aspen	14.2 MBF	\$ 94.00/MBF	\$ _____
Red Maple	190.6 MBF	\$ 126.00/MBF	\$ _____
Red Pine	1.3 MBF	\$ 84.00/MBF	\$ _____
Sugar Maple	115.3 MBF	\$ 206.00/MBF	\$ _____
White Pine	15.0 MBF	\$ 34.00/MBF	\$ _____
<b>Pulpwood</b>			
Basswood	344 Cords	\$ 13.85/Cord	\$ _____
Black Cherry	539 Cords	\$ 13.45/Cord	\$ _____
Mixed Hardwood	31 Cords	\$ 13.45/Cord	\$ _____
Quaking Aspen	92 Cords	\$ 12.80/Cord	\$ _____
Red Maple	681 Cords	\$ 13.45/Cord	\$ _____
Red Pine	32 Cords	\$ 33.40/Cord	\$ _____
Sugar Maple	842 Cords	\$ 13.45/Cord	\$ _____
White Pine	72 Cords	\$ 14.10/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 4.34 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**

Look Up Red Pine (61-127-21)

T27N, R05W, SEC. 14; T27N, R05W, SEC. 15; T27N, R05W, SEC. 23; Kalkaska

In response to the notice of sale to be held 4:00 p.m. (local time) on January 24, 2022, 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	8.5 MBF	\$ 111.00/MBF	\$ _____
Beech	1.4 MBF	\$ 106.00/MBF	\$ _____
Black Cherry	15.7 MBF	\$ 174.00/MBF	\$ _____
Red Maple	11.8 MBF	\$ 149.00/MBF	\$ _____
Red Oak	4.3 MBF	\$ 130.00/MBF	\$ _____
Red Pine	1,032.7 MBF	\$ 100.00/MBF	\$ _____
White Pine	5.7 MBF	\$ 40.00/MBF	\$ _____
<b>Pulpwood</b>			
B. T. Aspen	33 Cords	\$ 15.10/Cord	\$ _____
Jack Pine	46 Cords	\$ 10.95/Cord	\$ _____
Mixed Hardwood	90 Cords	\$ 15.90/Cord	\$ _____
Red Pine	475 Cords	\$ 39.50/Cord	\$ _____
White Pine	2 Cords	\$ 16.70/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 6.05 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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- 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**

16 Rail Mix (61-105-21)  
T26N, R06W, SEC. 21; Kalkaska COUNTY

In response to the notice of sale to be held 4:00 p.m. (local time) on January 24, 2022, 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	28.3 MBF	\$ 94.00/MBF	\$ _____
Red Maple	13.1 MBF	\$ 126.00/MBF	\$ _____
Red Pine	17.8 MBF	\$ 84.00/MBF	\$ _____
White Pine	35.2 MBF	\$ 34.00/MBF	\$ _____
<b>Pulpwood</b>			
B. T. Aspen	88 Cords	\$ 12.80/Cord	\$ _____
Balsam Fir	492 Cords	\$ 8.45/Cord	\$ _____
Black Cherry	16 Cords	\$ 13.45/Cord	\$ _____
Black Spruce	106 Cords	\$ 19.60/Cord	\$ _____
Paper Birch	22 Cords	\$ 11.40/Cord	\$ _____
Quaking Aspen	1,376 Cords	\$ 12.80/Cord	\$ _____
Red Maple	75 Cords	\$ 13.45/Cord	\$ _____
Red Pine	65 Cords	\$ 33.40/Cord	\$ _____
White Pine	124 Cords	\$ 14.10/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 6.41 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

Swamp Pine (61-123-21)

T25N, R06W, SEC. 13; T25N, R06W, SEC. 14; T25N, R06W, SEC. 15; Kalkaska

In response to the notice of sale to be held 4:00 p.m. (local time) on January 24, 2022, 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	3.8 MBF	\$ 94.00/MBF	\$ _____
Jack Pine	29.6 MBF	\$ 18.00/MBF	\$ _____
Red Maple	18.9 MBF	\$ 126.00/MBF	\$ _____
Red Oak	8.0 MBF	\$ 110.00/MBF	\$ _____
Red Pine	53.1 MBF	\$ 84.00/MBF	\$ _____
<b>Pulpwood</b>			
B. T. Aspen	31 Cords	\$ 12.80/Cord	\$ _____
Black Spruce	188 Cords	\$ 19.60/Cord	\$ _____
Jack Pine	76 Cords	\$ 9.25/Cord	\$ _____
Red Maple	114 Cords	\$ 13.45/Cord	\$ _____
Red Oak	4 Cords	\$ 15.10/Cord	\$ _____
Red Pine	132 Cords	\$ 33.40/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 12.99 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

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## VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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

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

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

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

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Signature of Owner or Authorized Representative

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Title

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Date

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