



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7054**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on April 25, 2022.

LOCATION: GRAYLING MGMT UNIT, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738.

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

Bookin' Bobcat Pine (72-001-21) / T25N, R04W, SEC. 29, S1/2SW,SWSE.

Crawford County, Advertised Price \$26,605.00, 56.2 Acres, Jack Pine, 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.

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.

Goose Cr Barkley KW (72-039-21) / T27N, R04W, SEC. 19, S1/2NW,SW,W1/2SE.

T27N, R04W, SEC. 30, NW,N1/2NE,SWNE,SW,W1/2SE.

T27N, R05W, SEC. 25, E1/2SE.

Crawford County, Advertised Price \$62,229.30, 646.8 Acres, Jack Pine, 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.

- See sale spec 5.8.1 for information on restriction due to Kirtland's Warbler.

- See sale spec 7.2.2 for information on no exemptions.

Falling Bike Jack (72-042-21) / T27N, R01W, SEC. 24, S1/2NW,SWNE,N1/2SW,NWSE.

Crawford County, Advertised Price \$17,214.25, 66.4 Acres, Jack 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.

The Sale is a Jack Pine clearcut located on Hideaway Drive just North of North Down River Road.

- See sale spec 2.2.9 for information on chipping.

- See sale spec 2.2.3 for information on stump heights.

- See sale spec 5.2.3.5 for information on oak wilt restrictions.

Collin of Ktulu (72-006-20) / T28N, R01W, SEC. 6 , SENW,NE,E1/2SW,SE.

T28N, R01W, SEC. 7 , N1/2NE.

T28N, R02W, SEC. 1 , E1/2SE.

Crawford County, Advertised Price \$15,800.60, 294.3 Acres, Jack Pine, Aspen.

SALE NOTE: The military label on this parcel is because of an old easement in LOTS; so it is an error within VMS.

Tick Haven Jack (72-035-19) / T27N, R01W, SEC. 24, NW.

Crawford County, Advertised Price \$11,108.50, 30.8 Acres, Jack Pine, Red Pine.

SALE NOTE: - See sale spec 5.2.3.5 for information on oak wilt restrictions.

Williams Tract RP (72-052-17) / T27N, R04W, SEC. 35, SENW,SWNE,E1/2SW,SE.

Crawford County, Advertised Price \$26,094.30, 81.7 Acres, Red Pine, Jack Pine.

SALE NOTE: These red pine stands were established when the fenced Williams Tract was in private ownership, and the plantations have variable row spacing and planting patterns.

Payment Unit 5 has immature red pine that was underplanted through a considerable amount of jack pine and oak residual.

- See sales spec 5.2.20 for information on recommended equipment width.

- See sales spec 2.1.8 for information on trees marked with orange X's.

- See sales spec 2.1.1 for information on cutting of small pole size red pine.

- See sales specs 5.2.3.5 and 5.2.3.3 for information on oak wilt and bark slip restrictions.

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, GRAYLING OFFICE, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738, no later than 9:00 a.m. (local time) on April 25, 2022. For further information concerning this sale, contact Thomas Barnes at 989-348-6371 extension 7440.

### 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

Bookin' Bobcat Pine (72-001-21)  
T25N, R04W, SEC. 29.  
Crawford County (Advertised Price \$26,605.00)

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>
Sawtimber		
Jack Pine	21.0 MBF	\$ 31.00 / MBF
Red Pine	195.8 MBF	\$ 89.00 / MBF
Pulpwood		
Jack Pine	280 Cords	\$ 15.35 / Cord
Mixed Hardwood	56 Cords	\$ 24.10 / Cord
Quaking Aspen	17 Cords	\$ 24.90 / Cord
Red Pine	79 Cords	\$ 31.10 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 7.05 percent. There are an estimated 964 cords on this timber sale, plus or minus 68 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 \$1,330.00 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	46.6%
02	53.4%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2024.

### 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		PERCENT ERROR	STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
76,153	964	7.05%	896	1,032

**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
64	22,396	283	13.59%	245	322
66	20,083	254	14.26%	218	290
68	8,824	112	12.77%	97	126
69	24,850	315	12.83%	274	355
<b>TOTAL:</b>	<b>76,153</b>	<b>964</b>		<b>835</b>	<b>1,093</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
64	17.9	1	11.4
		2	6.5
66	19.2	1	15.0
		2	4.2
68	4.0	2	4.0
69	15.1	1	3.7
		2	11.4
<b>TOTAL:</b>	<b>56.2</b>		<b>56.2</b>



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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine	Sawtimber	10.3	MBF	30.1	\$12,389.10
	Red Pine		91.1	MBF		
	Jack Pine	Pulpwood	118	Cords		
	<i>Jack Pine</i>		116	Cords		
	<i>White Pine</i>		2	Cords		
	Mixed Hardwood		34	Cords		
	<i>Northern Pin Oak</i>	Sawtimber	3.5	MBF		
	<i>Red Maple</i>		0.8	MBF		
	<i>Northern Pin Oak</i>	Pulpwood	11	Cords		
	<i>Red Maple</i>		9	Cords		
	<i>White Oak</i>		5	Cords		
	Quaking Aspen		6	Cords		
	Red Pine		38	Cords		
	2	Jack Pine	Sawtimber	10.7		
Red Pine			104.7	MBF		
Jack Pine		Pulpwood	162	Cords		
<i>Jack Pine</i>			156	Cords		
<i>White Pine</i>			6	Cords		
Mixed Hardwood			22	Cords		
<i>Northern Pin Oak</i>		Sawtimber	3.0	MBF		
<i>Red Maple</i>			0.5	MBF		
<i>Northern Pin Oak</i>		Pulpwood	8	Cords		
<i>Red Maple</i>			5	Cords		
<i>White Oak</i>			2	Cords		
Quaking Aspen			11	Cords		
Red Pine			41	Cords		
TOTAL:			216.8	MBF		
TOTAL:			432	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: Bookin' Bobcat Pine**

**Sale Number: 72-001-21 Seq#: 2**

## 1 - Sale Area

### 1.2 - Boundaries

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

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

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more at DBH, except do not harvest white oak over 24" at DBH. In addition, do not cut or damage advanced regeneration in west 5 acres of Payment Unit 2 south of the two-track.

### 2.2 - Utilization

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

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

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

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

## 3 - Payments

### 3.3 - Pre-measured Sales

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

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

### 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 Payment Unit 2, if more than 50% of the tree seedlings or saplings (1/4" to 4.5" DBH) in the lobe on the west end south of the two-track are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged.

## 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.

#### 4.1.6 - 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. All trees to be cut for access purposes must be pre-approved by the sale administrator.

#### 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. 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.

#### 4.1.11 - Permits (2/12)

The Purchaser will secure any necessary highway permits that may be required.

## 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 5 days in advance to schedule the conference.

#### 5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company prior to operating equipment in the vicinity of well heads or natural gas pipelines.

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

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

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

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

### 5.2 - Conduct of Operations

#### 5.2.2 - 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.

#### 5.2.32 - 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 injection sites without permission of the pipeline company and 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.

## 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 Hunters Truck Trail 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.

Sale Number	Year
72-001	21

Forest Management Unit	County	Mapped By	Date	Page	of
Grayling	Crawford	Derek Nellis	9/30/21	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
25N	04W	Sec 29 S1/2SW,SWSE	1:7,920		

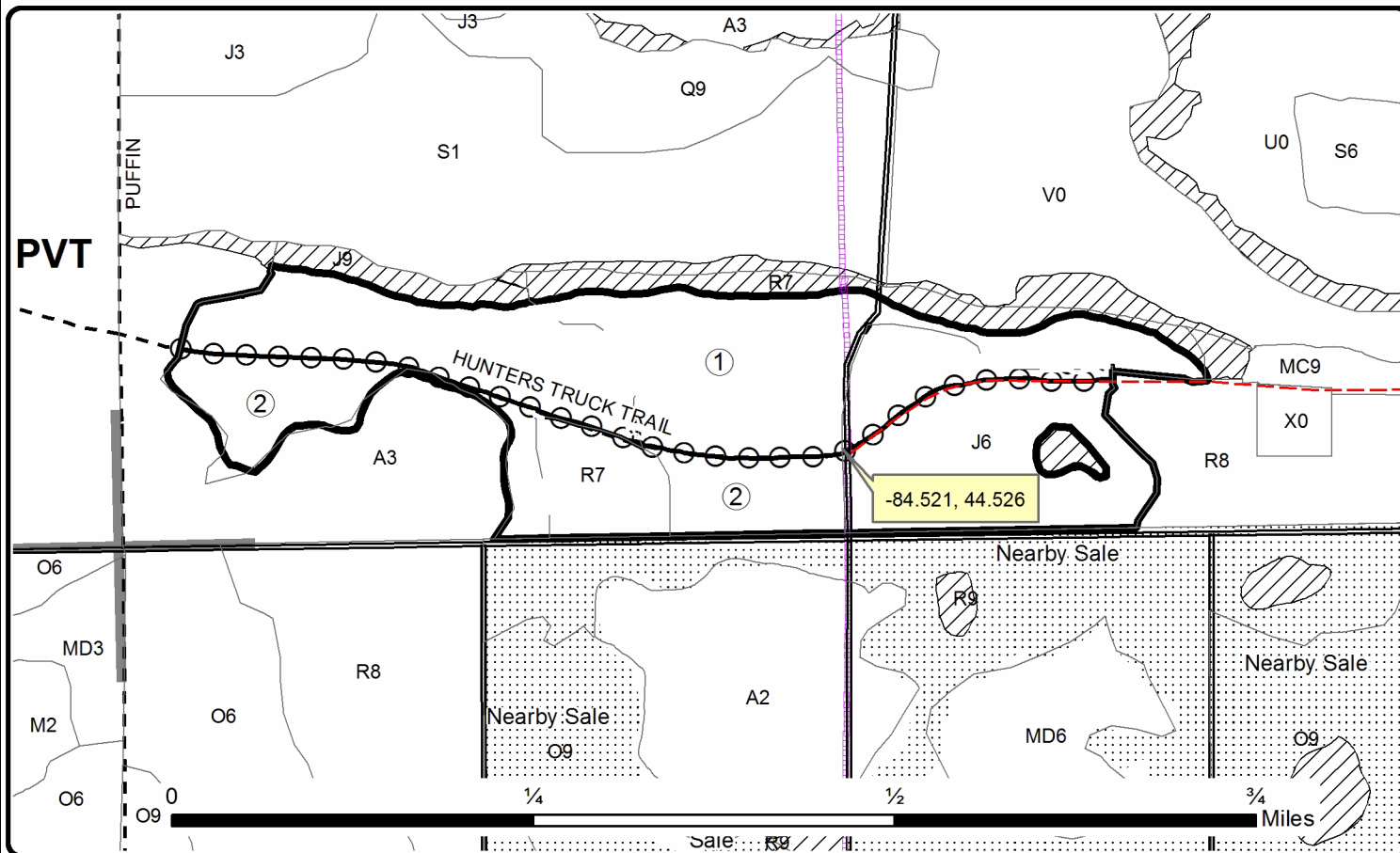
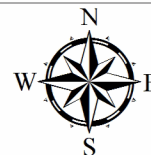
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium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

PU	Acres
1	30.1
2	26.1

## Bookin' Bobcat Pine

### Compartment 191

56.2 Acres



### Legend

- Against State (Red)
- Forest Access Route
- Payment Unit (Yellow)
- Secondary Forest Road
- Section Corners
- Gravel Road
- Pipeline
- County Road - Seasonal
- Payment Unit Label
- Retention Area



## TIMBER SALE INFORMATION

Goose Cr Barkley KW (72-039-21)

T27N, R04W, SEC. 19; T27N, R04W, SEC. 30; T27N, R05W, SEC. 25.  
Crawford County (Advertised Price \$62,229.30)

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

- See sale spec 5.8.1 for information on restriction due to Kirtland's Warbler.

- See sale spec 7.2.2 for information on no exemptions.

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

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Pine	207.1 MBF	\$ 49.00 / MBF
Pulpwood		
Black Cherry	46 Cords	\$ 13.15 / Cord
Jack Pine	5,218 Cords	\$ 8.35 / Cord
Mixed Oak	51 Cords	\$ 12.65 / Cord
Red Pine	427 Cords	\$ 16.95 / Cord
White Pine	2 Cords	\$ 11.70 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 3.89 percent. There are an estimated 6,471 cords on this timber sale, plus or minus 252 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

1. A bond in the amount of \$3,111.00 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	1.8%
02	3.6%
03	6.9%
04	5.1%
05	18.5%
06	15.3%
07	9.4%
08	19.0%
09	20.4%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 09/30/2024.

### **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
511,219	6,471	3.89%	6,219	6,723

## 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
1	47,962	607	12.80%	529	685
2	67,002	848	12.69%	741	956
3	5,941	75	15.81%	63	87
5	251,170	3,179	5.68%	2,999	3,360
27	93,841	1,188	7.87%	1,094	1,281
28	10,723	136	13.48%	117	154
29	3,530	45	34.80%	29	60
84	31,050	393	15.87%	331	455
<b>TOTAL:</b>	<b>511,219</b>	<b>6,471</b>		<b>5,904</b>	<b>7,039</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	21.9	6	21.9
2	51.5	5	51.5
3	9.3	6	9.3
5	254.0	7	54.9
		8	80.3
		9	118.8
27	178.3	2	41.9
		3	78.9
		4	56.5
		5	1.0
28	91.0	1	91.0
29	9.5	4	3.0
		5	6.5
84	31.3	8	31.3
<b>TOTAL:</b>	<b>646.8</b>		<b>646.8</b>



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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine	Pulpwood	130	Cords	91.0	\$1,108.90
	<i>Jack Pine</i>		130	<i>Cords</i>		
	White Pine		2	Cords		
2	Jack Pine	Pulpwood	272	Cords	41.9	\$2,271.20
	<i>Jack Pine</i>	<i>Sawtimber</i>	1.5	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	269	<i>Cords</i>		
3	Jack Pine	Pulpwood	512	Cords	78.9	\$4,275.20
	<i>Jack Pine</i>	<i>Sawtimber</i>	2.7	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	507	<i>Cords</i>		
4	Jack Pine	Pulpwood	381	Cords	59.5	\$3,181.35
	<i>Jack Pine</i>	<i>Sawtimber</i>	2.0	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	377	<i>Cords</i>		
5	Red Pine	Sawtimber	85.3	MBF	59.0	\$11,493.85
	Jack Pine	Pulpwood	405	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	25.2	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	355	<i>Cords</i>		
	Red Pine		232	Cords		
6	Red Pine	Sawtimber	94.6	MBF	31.2	\$9,494.60
	Jack Pine	Pulpwood	245	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	24.6	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	196	<i>Cords</i>		
	Mixed Oak		4	Cords		
	<i>Bl/R/Hybrid Oak</i>		4	<i>Cords</i>		
	Red Pine		163	Cords		
7	Red Pine	Sawtimber	5.9	MBF	54.9	\$5,870.35
	Black Cherry	Pulpwood	8	Cords		
	Jack Pine		631	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	28.8	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	573	<i>Cords</i>		
	Mixed Oak		7	Cords		
	<i>Bl/R/Hybrid Oak</i>	<i>Sawtimber</i>	0.6	<i>MBF</i>		
	<i>Northern Pin Oak</i>	<i>Pulpwood</i>	6	<i>Cords</i>		
	Red Pine		7	Cords		
8	Red Pine	Sawtimber	8.6	MBF	111.6	\$11,837.90
	Black Cherry	Pulpwood	21	Cords		
	Jack Pine		1,276	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	74.6	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	1,127	<i>Cords</i>		
	Mixed Oak		25	Cords		
	<i>Bl/R/Hybrid Oak</i>	<i>Sawtimber</i>	0.9	<i>MBF</i>		
	<i>Northern Pin Oak</i>		3.2	<i>MBF</i>		
	<i>Northern Pin Oak</i>	<i>Pulpwood</i>	17	<i>Cords</i>		
	Red Pine		10	Cords		
9	Red Pine	Sawtimber	12.7	MBF	118.8	\$12,704.30
	Black Cherry	Pulpwood	17	Cords		
	Jack Pine		1,367	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	62.3	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	1,242	<i>Cords</i>		
	Mixed Oak		15	Cords		
	<i>Bl/R/Hybrid Oak</i>	<i>Sawtimber</i>	1.2	<i>MBF</i>		
	<i>Northern Pin Oak</i>	<i>Pulpwood</i>	13	<i>Cords</i>		
	Red Pine		15	Cords		
TOTAL:			207.1	MBF		
TOTAL:			5,745	Cords		

## Sale Specific Conditions & Requirements

Sale Name: Goose Cr Barkley KW

Sale Number: 72-039-21 Seq#: 2

### 1 - Sale Area

#### 1.2 - Boundaries

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

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint and designated unpainted boundaries. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint in addition to unpainted boundaries designated as Goose Creek Road and the young red pine plantation (R3), as shown on the Timber Sale Map. Interior Payment Unit boundaries are marked with yellow paint in addition to unpainted boundaries designated as Goose Cr Road, Barkley Road, Smore Road, and the J3-J8 cover type line between Payment Unit 1 and 6, as shown on the Timber Sale Map. The blue and red painted boundary line trees are not Included Timber and are to be protected. Yellow painted boundary line trees may be cut when all surrounding Payment Units have been paid for. Disregard the yellow painted trees within Payment Units 1, 5 and 6; those Payment Units are defined by the designated boundaries described above.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1-9, cut all trees that are two (2) inches or more at DBH, except for red pine and white pine that are greater than 22 inches 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

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

Payment Units 1-4 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter does not apply because the site will be managed for Kirtland's Warbler habitat.

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

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

##### 2.2.8 - Utilization and removal (5/14)

Within Payment Units 5-9, a majority of the jack pine cone load must be retained and scattered on site. This may be achieved by leaving jack pine tops less than 3 inches in diameter in shortwood or treelength operations, or by retaining all material knocked off during flail operations. This is because Payment Units 5-9 have natural regen objectives that rely on a jack pine seed source.

### 3 - Payments

#### 3.3 - Pre-measured Sales

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

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

#### 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 white pine and red pine that are greater than 22 inches at DBH. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 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 chipped, utilized or dispersed into the sale.

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

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be chipped, utilized, or scattered 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. Stumps and brush must also be placed along the first 50 feet of trail behind the berms. These roads must be rendered impassable to cars and trucks. Some existing user-created trail roads may need to be closed through harvest operations. Contact the sale administrator for specific details of design and placement.

#### 4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

## 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 operations in a Payment Unit that has private property interface. 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 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

##### 5.2.1.1 - Slash within sale area (9/16)

No trees are to be felled outside the sale area and all slash is to be kept at least 20 feet back from the blue paint line. If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

##### 5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, Payment Units 5-9 shall be left with residual slash evenly distributed. Bunched tops or limbs within the cutting area shall be broken up and scattered to disperse cones. Processing sites shall not be left with a compacted layer of slash; residual material 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.

#### 5.2.38 - 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

##### 5.8.1 - Kirtland's warbler (1) (10/12)

This sale is adjacent to a young jack pine stand which may be used by the endangered Kirtland's Warbler. The Department reserves the right to temporarily restrict all harvesting operations in a buffer zone of up to 500 feet if it is determined that Warbler territory has been established in the adjacent stand. The restricted period, if put into effect, would apply from May 1 to September 10. Payment Units 1, 2, and 6 border Kirtland's Warbler habitat that was active in 2021.

### 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 Goose Creek 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.

### 7 - Other Conditions

#### 7.2 - Extensions

##### 7.2.2 - No extensions (3/09)

There will be no harvest extensions granted on this contract because the area is already scheduled for planting. Cutting must be completed by September 30, 2024. An extension for skidding, chipping, hauling, and closing work may be granted on this contract up to December 31, 2024. The purpose of this sale is to create habitat for the Kirtland's Warbler.



# TIMBER SALE MAP

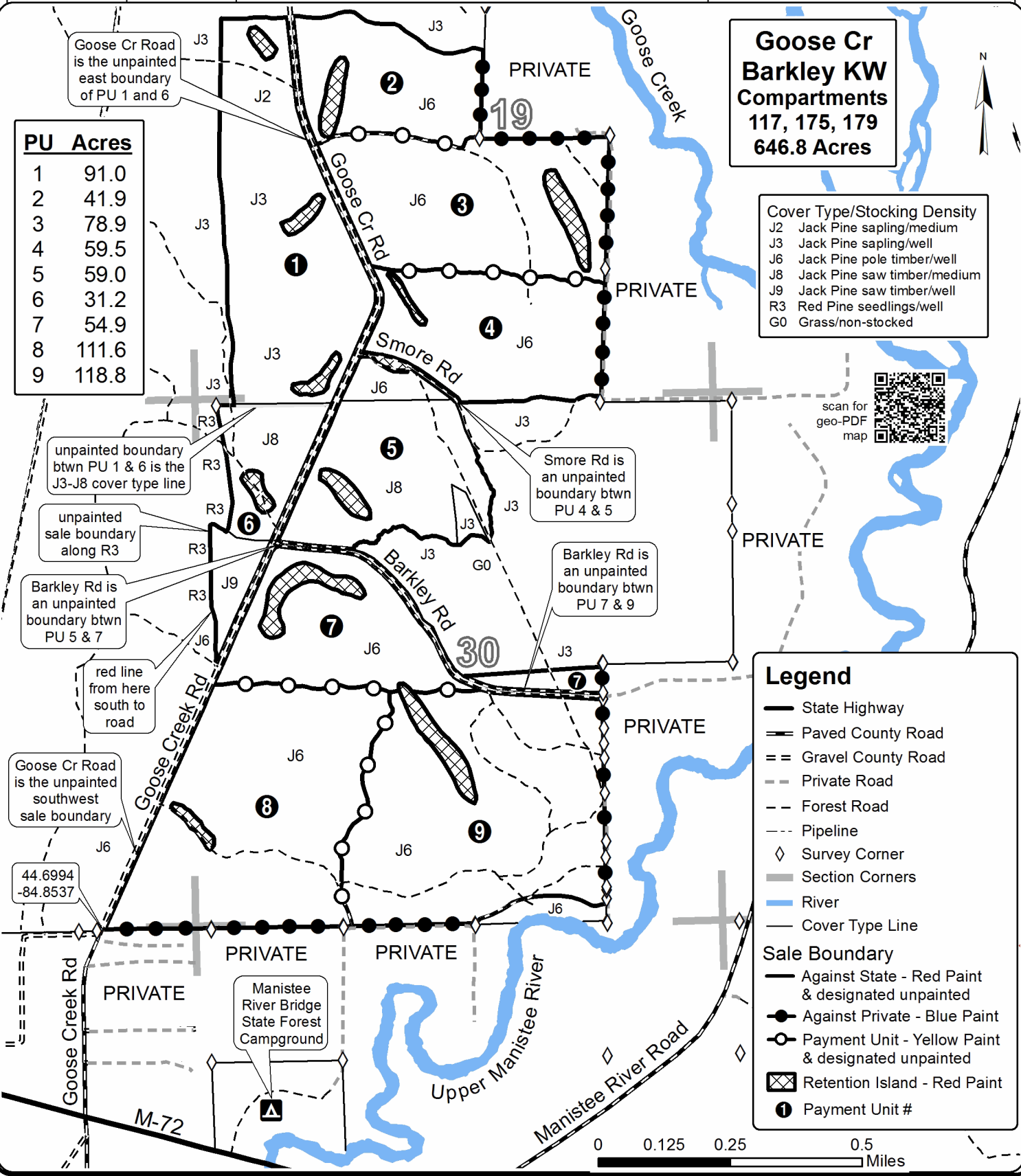
This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit Grayling	County Kalkaska & Crawford	Mapped By Mittig	Date 09/30/2021	Page 1	of 1
Township 27N	Range 4 & 5W	Section(s) and Subdivision(s) 5W - Sec 25: E1/2SE; 4W - Sec 19: W1/2SE, SW, S1/2NW; Sec 30: N1/2NE, SWNE, W1/2, W1/2SE	Scale 1:15,840		

**Goose Cr  
Barkley KW  
Compartments**  
117, 175, 179  
**646.8 Acres**

PU	Acres
1	91.0
2	41.9
3	78.9
4	59.5
5	59.0
6	31.2
7	54.9
8	111.6
9	118.8

Cover Type/Stocking Density	
J2	Jack Pine sapling/medium
J3	Jack Pine sapling/well
J6	Jack Pine pole timber/well
J8	Jack Pine saw timber/medium
J9	Jack Pine saw timber/well
R3	Red Pine seedlings/well
G0	Grass/non-stocked

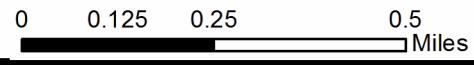


**Legend**

- State Highway
- Paved County Road
- Gravel County Road
- Private Road
- Forest Road
- Pipeline
- Survey Corner
- Section Corners
- River
- Cover Type Line

**Sale Boundary**

- Against State - Red Paint & designated unpainted
- Against Private - Blue Paint
- Payment Unit - Yellow Paint & designated unpainted
- Retention Island - Red Paint
- Payment Unit #





## TIMBER SALE INFORMATION

Falling Bike Jack (72-042-21)  
T27N, R01W, SEC. 24.  
Crawford County (Advertised Price \$17,214.25)

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

The Sale is a Jack Pine clearcut located on Hideaway Drive just North of North Down River Road.

- See sale spec 2.2.9 for information on chipping.
- See sale spec 2.2.3 for information on stump heights.
- See sale spec 5.2.3.5 for information on oak wilt 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>
Sawtimber		
BI/R/Hybrid Oak	28.3 MBF	\$ 100.00 / MBF
Red Pine	13.1 MBF	\$ 89.00 / MBF
White Pine	4.6 MBF	\$ 59.00 / MBF
Pulpwood		
Balsam Fir	7 Cords	\$ 9.10 / Cord
BI/R/Hybrid Oak	54 Cords	\$ 23.20 / Cord
Black Cherry	4 Cords	\$ 24.10 / Cord
Jack Pine	668 Cords	\$ 15.35 / Cord
Quaking Aspen	17 Cords	\$ 24.90 / Cord
Red Pine	14 Cords	\$ 31.10 / Cord
White Oak	8 Cords	\$ 23.20 / Cord
White Pine	11 Cords	\$ 21.45 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 6.45 percent. There are an estimated 932 cords on this timber sale, plus or minus 60 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 \$1,000.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The remainder is due before cutting begins.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:
 

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	100.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2024.

### **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
73,647	932	6.45%	872	992

## 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
22	73,647	932	6.46%	872	992
<b>TOTAL:</b>	<b>73,647</b>	<b>932</b>		<b>872</b>	<b>992</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
22	66.4	1	66.4
<b>TOTAL:</b>	<b>66.4</b>		<b>66.4</b>

## DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE		
1	BI/R/Hybrid Oak	Sawtimber	28.3	MBF	66.4	\$17,214.25		
	Red Pine		13.1	MBF				
	White Pine		4.6	MBF				
	Balsam Fir	Pulpwood	7	Cords				
	BI/R/Hybrid Oak		54	Cords				
	Black Cherry		4	Cords				
	Jack Pine		668	Cords				
	Jack Pine	Sawtimber	47.0	MBF				
	Jack Pine	Pulpwood	574	Cords				
	Quaking Aspen		17	Cords				
	Red Pine		14	Cords				
	White Oak		8	Cords				
	White Pine		11	Cords				
<b>TOTAL:</b>			46.0	MBF				
<b>TOTAL:</b>			783	Cords				



# Sale Specific Conditions & Requirements

**Sale Name: Falling Bike Jack**

**Sale Number: 72-042-21 Seq#: 2**

## 1 - Sale Area

### 1.2 - Boundaries

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

The sale boundaries are marked and identified by red paint and designated along roads. The western exterior sale boundary line is against private property and is unpainted. It is identified by Hideaway Drive, with the west side of the road being private property. 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.

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH.

### 2.2 - Utilization

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

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

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

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length. Trees must be harvested with in-woods processor (feller bunching harvester will not be allow) to retain existing understory.

#### 2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1, all wood must be removed by tree segment, or roundwood. No chipping is permitted.

## 3 - Payments

### 3.3 - Pre-measured Sales

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

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

## 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.

#### 4.1.6 - 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. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered

impassable to cars and trucks. Contact the sale administrator for specific details of design and placement.

#### 4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

### 5 - Operations

#### 5.1 - Notification

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

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

#### 5.2 - Conduct of Operations

##### 5.2.1 - Slash

###### 5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, the Sale Area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. 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

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

Within the Sale Area, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

##### 5.2.32 - 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.

#### 5.4 - 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 Hideaway Drive 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
72-042	21

# TIMBER SALE MAP

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

Forest Management Unit Grayling	County Crawford	Mapped By Dakota Ewald	Date 10/06/2021	Page 1	of 1
Township 27N	Range 01W	Section(s) and Subdivision(s) Sec 24- S1/2NW, SWNE, NWSE, N1/2SW	Scale 1:7,920		

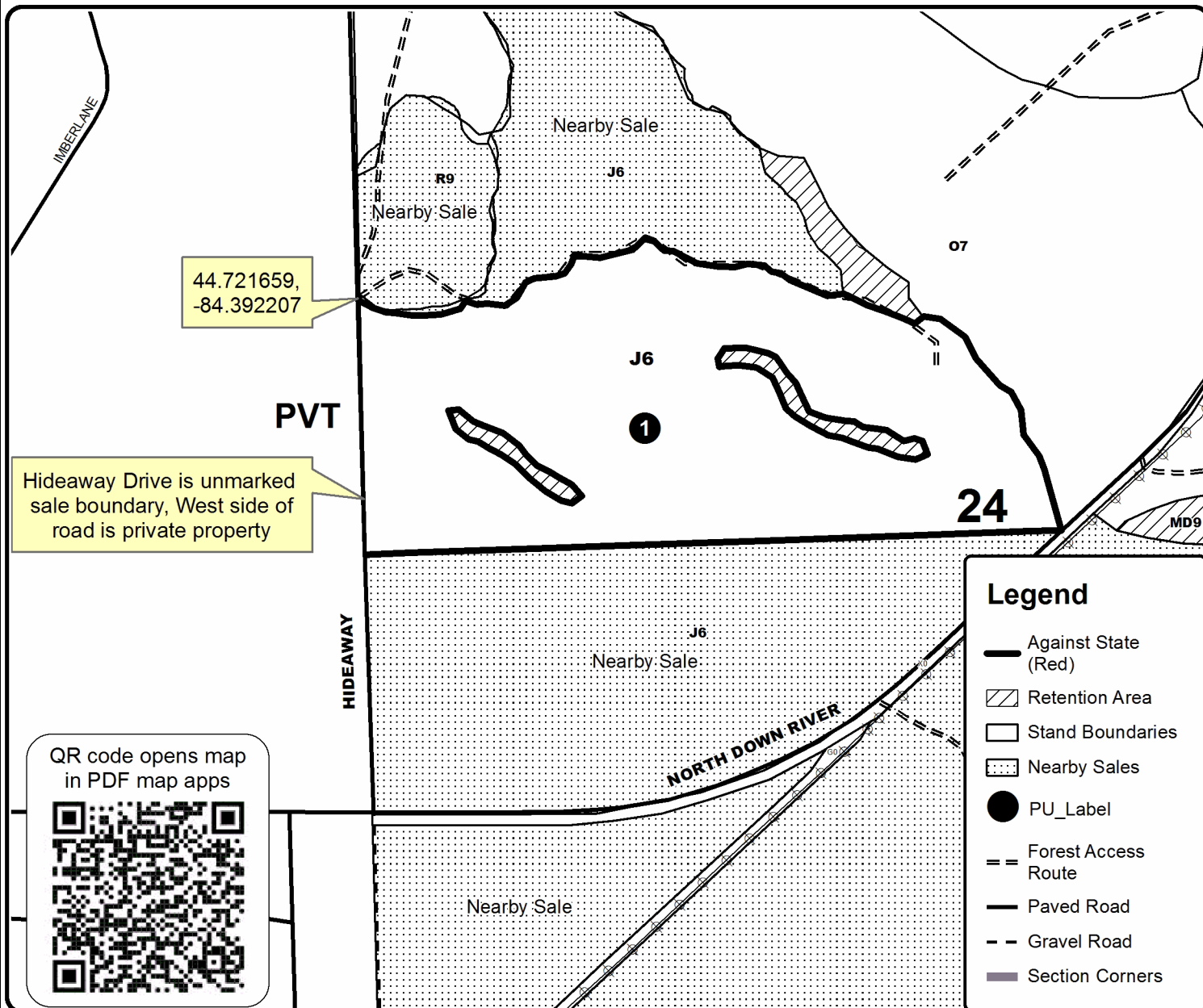
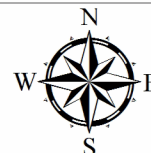
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium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

PU	Acres
1	66.4

## Falling Bike Jack

### Compartment 286

66.4 Acres

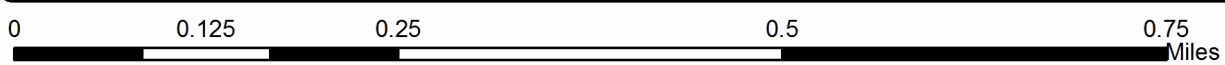


Hideaway Drive is unmarked sale boundary, West side of road is private property

QR code opens map in PDF map apps

### Legend

- Against State (Red)
- Retention Area
- Stand Boundaries
- Nearby Sales
- PU\_Label
- Forest Access Route
- Paved Road
- Gravel Road
- Section Corners





**TIMBER SALE INFORMATION**

Collin of Ktulu (72-006-20)  
 T28N, R01W, SEC. 6; T28N, R01W, SEC. 7; T28N, R02W, SEC. 1.  
 Crawford County (Advertised Price \$15,800.60)

SALE NOTE: The military label on this parcel is because of an old easement in LOTS; so it is an error within VMS.

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>
Pulpwood		
Jack Pine	1,018 Cords	\$ 15.35 / Cord
Quaking Aspen	7 Cords	\$ 24.90 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 29.09 percent. There are an estimated 1,150 cords on this timber sale, plus or minus 335 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

**BOND AND PAYMENT SCHEDULE:**

- A bond in the amount of \$1,000.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule :
  - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - The 10% down payment will be credited towards the first unit cut.
  - Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	34.8%
02	38.8%
03	26.4%

- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 06/30/2024.

**SALE STATISTICS**

**SALE VOLUMES**

<u>VOLUME</u>		<u>STATISTICAL RANGE IN CORDS</u>		
<u>TOTAL CUBIC FEET</u>	<u>TOTAL CORDS</u>	<u>PERCENT ERROR</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>
90,879	1,150	29.09%	816	1,485

## 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
4	0	0	146.70%	0	0
5	0	0	71.34%	0	0
7	0	0	100.00%	0	0
8	0	0	101.10%	0	0
9	0	0	123.01%	0	0
10	0	0	82.39%	0	0
11	0	0	101.74%	0	0
13	0	0	48.62%	0	0
14	0	0	60.20%	0	0
15	0	0	37.76%	0	0
18	0	0	37.93%	0	0
<b>TOTAL:</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0</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
4	14.8	1	14.8
5	26.5	1	26.4
		2	0.1
7	20.2	1	20.2
8	9.4	1	9.2
		2	0.2
9	17.1	1	2.2
		2	7.5
		3	7.4
10	24.5	1	24.0
		2	0.5
11	25.0	1	21.9
		2	3.1
13	27.6	2	15.9
		3	11.7
14	38.7	1	1.1
		2	25.0
		3	12.6
15	52.6	1	0.6
		2	32.6
		3	19.4
18	37.9	2	20.5
		3	17.4
<b>TOTAL:</b>	<b>294.3</b>		<b>294.3</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine Quaking Aspen	Pulpwood	347 7	Cords Cords	120.4	\$5,500.75
2	Jack Pine	Pulpwood	399	Cords	105.4	\$6,124.65
3	Jack Pine	Pulpwood	272	Cords	68.5	\$4,175.20
TOTAL:			1,025	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: Collin of Ktulu**

**Sale Number: 72-006-20 Seq#: 1**

## 1 - Sale Area

### 1.2 - Boundaries

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

The sale boundary, interior retention islands, and Payment Unit boundaries are marked and identified by red and yellow paint, and Jackpine Plains Road. Exterior sale boundary lines against state are marked with red paint. Jackpine Plains Road serves as the south boundary of the sale and is unpainted. Interior Payment Unit boundaries are marked with yellow paint. Interior retention islands are marked with red "X"s; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless they are along the clearcut to the east. By harvesting the edge trees along the clearcut, a "fence-row" of trees is prevented. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid. Do not harvest yellow painted trees if they also have red paint on them.

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 1-3, cut all trees that are two (2) inches or more at DBH, except do not cut red pine. 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

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

All Payment Units must be chip harvested to meet Kirtland's warbler habitat requirements. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. If market conditions limit the practicality of chipping, tops and slash must be arranged in a way that will not inhibit future planting operations, as directed by the sale administrator, a written waiver will be required to exempt chipping.

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

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

## 3 - Payments

### 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 red pine. 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 chipped, utilized, or otherwise removed from the sale.

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

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



woods and not left in berms or windrows.

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

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. 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.

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

##### 5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the pipeline company, Muskegon Development Co, 10 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Muskegon Dev Co at (989) 772-4900.

#### 5.2 - Conduct of Operations

##### 5.2.2 - Hazard Trees/Snags

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

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

##### 5.2.32 - 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. No landing area or decking will be allowed in the southeast corner of the sale due to ERA boundaries.

##### 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. Operations are to cease immediately if equipment and weather conditions result in rutting of roads which is 12 inches or greater in depth and 50 feet in length. In addition, operations are to cease immediately if equipment and weather conditions result in rutting on 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

##### 5.8.1 - Kirtland's warbler (1) (10/12)

This sale is adjacent to a young jack pine stand which may be used by the endangered Kirtland's Warbler. The Department reserves the right to temporarily restrict all harvesting operations in a buffer zone of up to 500 feet if it is determined that Warbler territory has been established in the adjacent stand. The restricted period, if put into effect, would apply from May 1 to August 15.

## **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 surrounding 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**

### 7.2 - Extensions

#### 7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract. The purpose of this sale is to create habitat for the endangered Kirtland's warbler. This sale is already scheduled for planting.



# TIMBER SALE MAP

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

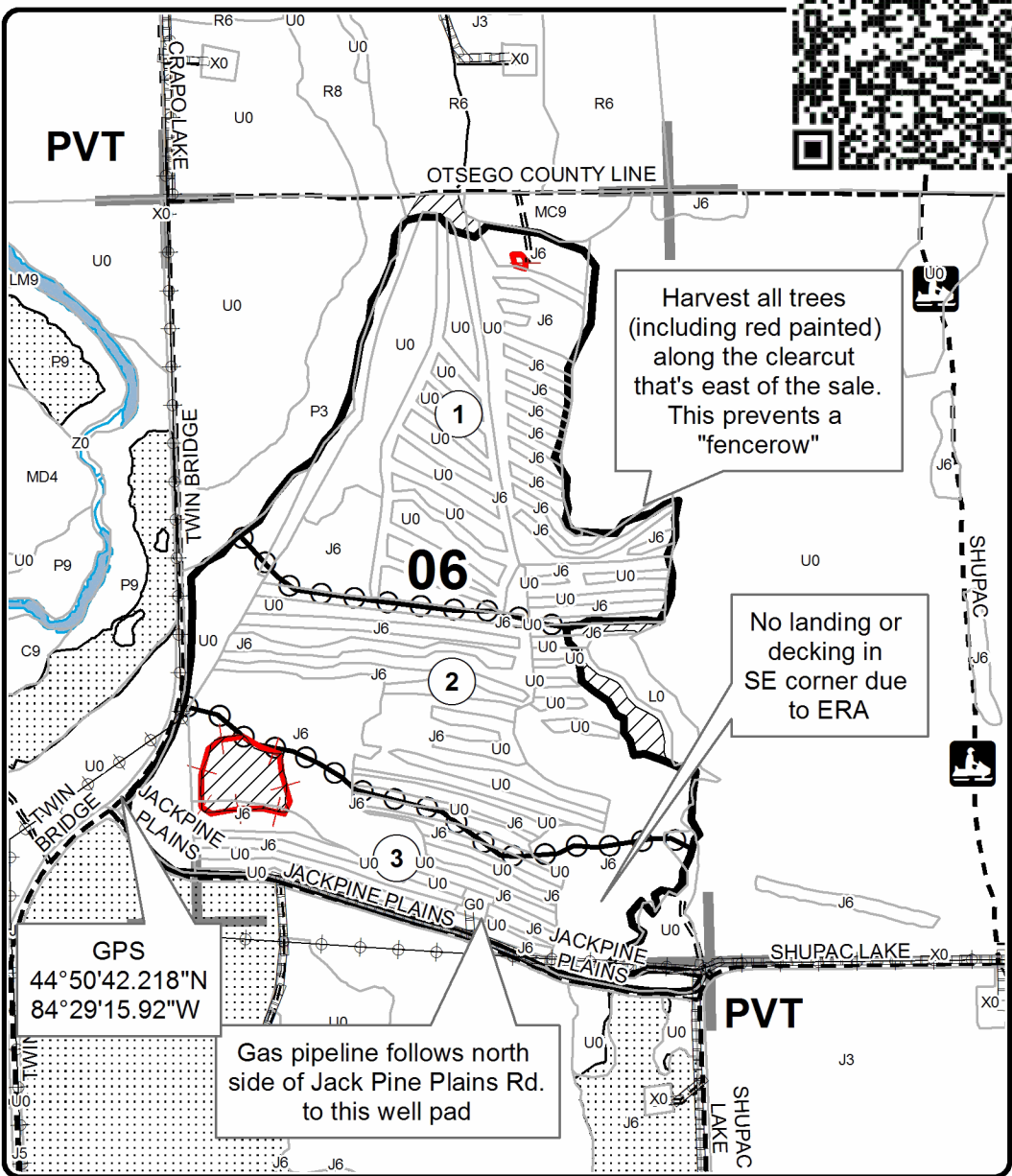
Forest Management Unit Grayling	County Crawford	Mapped By Mittig	Date 03/25/2020	Page 1	of 1
Township 28N	Range 01W	Section(s) and Subdivision(s) Sec 6	Scale 1:15,840		

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	MD = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass		T = Tamarack			

PU	Acres
1	120.4
2	105.4
3	68.5



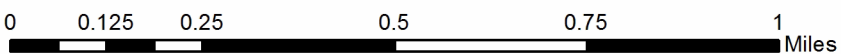
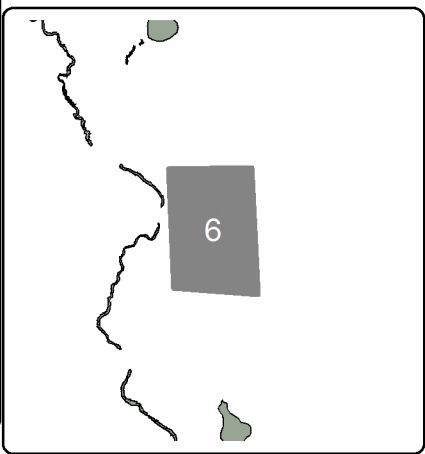
## Collin of Ktulu Compartment 270 294.3 Acres



### Legend

- Against State (Red)
- Payment Unit (Yellow)
- Payment Unit
- ▨ Retention Area
- ⊕ Internal Retention
- Stand Boundaries
- ⋯ Nearby Timber Sales
- ▭ Pipeline
- ⚡ Powerline
- - - Road
- Recreational Trail
- Lakes and Rivers
- Section Corners

Locator Map  
1:100,000





## TIMBER SALE INFORMATION

Tick Haven Jack (72-035-19)  
T27N, R01W, SEC. 24.  
Crawford County (Advertised Price \$11,108.50)

SALE NOTE: - See sale spec 5.2.3.5 for information on oak wilt 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		
Red Pine	33.1 MBF	\$ 89.00 / MBF
Pulpwood		
B. T. Aspen	8 Cords	\$ 24.90 / Cord
Jack Pine	235 Cords	\$ 15.35 / Cord
Northern Pin Oak	71 Cords	\$ 23.20 / Cord
Red Pine	74 Cords	\$ 31.10 / Cord
White Pine	19 Cords	\$ 21.45 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 21.46 percent. There are an estimated 472 cords on this timber sale, plus or minus 101 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 \$1,000.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The remainder is due before cutting begins.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:
 

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	100.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2024.

### **SALE STATISTICS**

#### **SALE VOLUMES**

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
37,288	472	21.46%	371	573

#### **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
22	0	0	21.46%	0	0
<b>TOTAL:</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0</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
22	30.8	1	30.8
<b>TOTAL:</b>	<b>30.8</b>		<b>30.8</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	33.1	MBF	30.8	\$11,108.50
	B. T. Aspen	Pulpwood	8	Cords		
	Jack Pine		235	Cords		
	Northern Pin Oak		71	Cords		
	<i>Northern Pin Oak</i>	<i>Sawtimber</i>	<i>0.9</i>	<i>MBF</i>		
	<i>Northern Pin Oak</i>	<i>Pulpwood</i>	<i>69</i>	<i>Cords</i>		
	Red Pine		74	Cords		
	White Pine		19	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	<i>0.8</i>	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	<i>17</i>	<i>Cords</i>		
TOTAL:			33.1	MBF		
TOTAL:			407	Cords		

# Sale Specific Conditions & Requirements

**Sale Name: Tick Haven Jack**

**Sale Number: 72-035-19 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 in addition to an unpainted designated boundary. The exterior sale boundary line against private property is unmarked and designated by an unnamed forest road. 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

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

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH.

### 2.2 - Utilization

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

This area must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

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

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

## 3 - Payments

### 3.3 - Pre-measured Sales

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

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

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

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

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. 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. 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.

#### 4.1.11 - Permits (2/12)

The Purchaser will secure any necessary highway permits that may be required.

## 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.

### 5.2 - Conduct of Operations

#### 5.2.3 - Operating Restrictions

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

Within Payment Unit 1, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

#### 5.2.32 - 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.

### 5.4 - 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 (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Hideaway Drive 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.

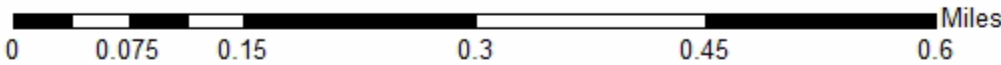
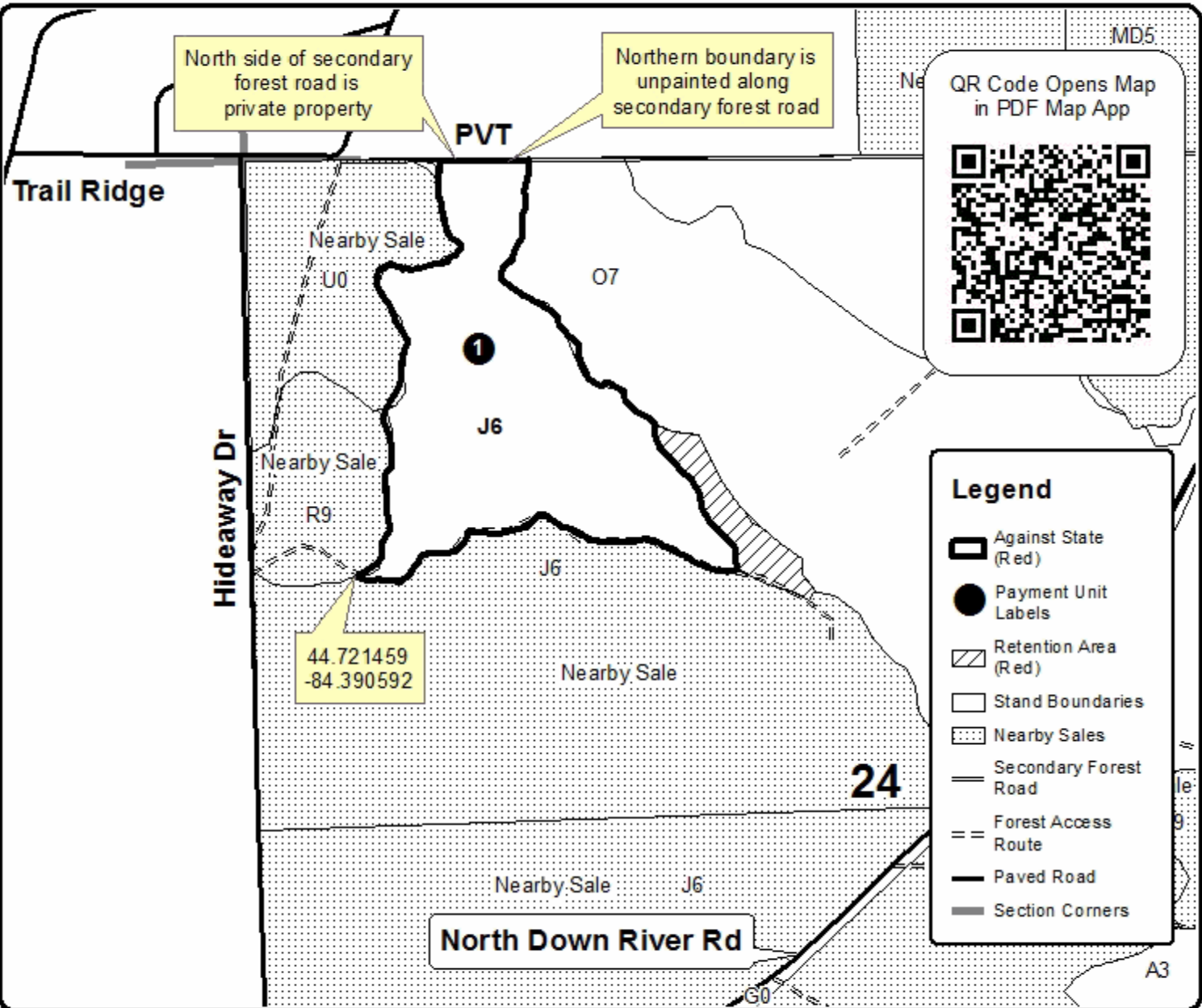
Forest Management Unit Grayling	County Crawford	Mapped By Dakota Ewald	Date 08/20/2019	Page 1	of 1
Township 27N	Range 01W	Section(s) and Subdivision(s) Section 24: NW	Scale 1:7,920		
Cruised By Dakota Ewald					

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 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 30.8

## Tick Haven Jack

Compartment 286  
30.8 Acres





## TIMBER SALE INFORMATION

Williams Tract RP (72-052-17)

T27N, R04W, SEC. 35.

Crawford County (Advertised Price \$26,094.30)

SALE NOTE: These red pine stands were established when the fenced Williams Tract was in private ownership , and the plantations have variable row spacing and planting patterns.

Payment Unit 5 has immature red pine that was underplanted through a considerable amount of jack pine and oak residual.

- See sales spec 5.2.20 for information on recommended equipment width.

- See sales spec 2.1.8 for information on trees marked with orange X's.

- See sales spec 2.1.1 for information on cutting of small pole size red pine.

- See sales specs 5.2.3.5 and 5.2.3.3 for information on oak wilt and bark slip restrictions.

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			
Northern Pin Oak	5.7	MBF	\$ 81.00 / MBF
Red Pine	68.1	MBF	\$ 73.00 / MBF
White Oak	3.2	MBF	\$ 55.00 / MBF
Pulpwood			
Black Spruce	4	Cords	\$ 10.95 / Cord
Jack Pine	395	Cords	\$ 12.55 / Cord
Misc. Species 1	63	Cords	\$ 4.50 / Cord
Misc. Species 2	24	Cords	\$ 2.25 / Cord
Mixed Aspen	6	Cords	\$ 20.35 / Cord
Mixed Oak	55	Cords	\$ 19.00 / Cord
Red Maple	6	Cords	\$ 19.70 / Cord
Red Pine	535	Cords	\$ 25.45 / Cord
White Pine	14	Cords	\$ 17.55 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 12.93 percent. There are an estimated 1,258 cords on this timber sale, plus or minus 163 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 \$1,305.00 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	7.5%
02	21.2%
03	21.1%
04	13.9%
05	36.3%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2024.

**SALE STATISTICS**

**SALE VOLUMES**

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
99,346	1,258	12.93%	1,095	1,420

**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
27	0	0	66.83%	0	0
44	0	0	39.18%	0	0
46	0	0	10.50%	0	0
144	0	0	31.31%	0	0
244	0	0	36.50%	0	0
<b>TOTAL:</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0</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
27	4.4	1	4.4
44	18.0	2	18.0
46	22.9	5	22.9
144	12.2	4	12.2
244	24.2	3	24.2
<b>TOTAL:</b>	<b>81.7</b>		<b>81.7</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Red Pine	Sawtimber	11.2	MBF	4.4	\$1,954.00			
	Black Spruce	Pulpwood	4	Cords					
	Jack Pine		10	Cords					
	<i>Jack Pine</i>	<i>Sawtimber</i>	1.5	<i>MBF</i>					
	<i>Jack Pine</i>	<i>Pulpwood</i>	7	<i>Cords</i>					
	Red Pine		38	Cords					
	2	Red Pine	Sawtimber	14.2			MBF	18.0	\$5,526.20
Jack Pine		Pulpwood	107	Cords					
<i>Jack Pine</i>		<i>Sawtimber</i>	5.1	<i>MBF</i>					
<i>Jack Pine</i>		<i>Pulpwood</i>	97	<i>Cords</i>					
Red Maple			6	Cords					
Red Pine			119	Cords					
3		Red Pine	Sawtimber	20.1	MBF	24.2	\$5,505.90		
	Jack Pine	Pulpwood	53	Cords					
	<i>Jack Pine</i>	<i>Sawtimber</i>	1.0	<i>MBF</i>					
	<i>Jack Pine</i>	<i>Pulpwood</i>	51	<i>Cords</i>					
	Misc. Species 1		2	Cords					
	Mixed Aspen		4	Cords					
	<i>B. T. Aspen</i>		4	<i>Cords</i>					
	Red Pine		129	Cords					
	4	Red Pine	Sawtimber	15.8	MBF			12.2	\$3,630.95
		Jack Pine	Pulpwood	76	Cords				
<i>Jack Pine</i>		<i>Sawtimber</i>	1.6	<i>MBF</i>					
<i>Jack Pine</i>		<i>Pulpwood</i>	73	<i>Cords</i>					
Mixed Oak			2	Cords					
<i>White Oak</i>			2	<i>Cords</i>					
Red Pine			57	Cords					
White Pine			2	Cords					
<i>White Pine</i>			2	<i>Cords</i>					
5		Northern Pin Oak	Sawtimber	5.7	MBF	22.9	\$9,477.25		
	Red Pine		6.8	MBF					
	White Oak		3.2	MBF					
	Jack Pine	Pulpwood	149	Cords					
	<i>Jack Pine</i>	<i>Sawtimber</i>	12.6	<i>MBF</i>					
	<i>Jack Pine</i>	<i>Pulpwood</i>	124	<i>Cords</i>					
	Misc. Species 1		61	Cords					
	Misc. Species 2		24	Cords					
	Mixed Aspen		2	Cords					
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>					
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	1	<i>Cords</i>					
	Mixed Oak		53	Cords					
	<i>Northern Pin Oak</i>		37	<i>Cords</i>					
	<i>White Oak</i>		16	<i>Cords</i>					
	Red Pine		192	Cords					
	White Pine		12	Cords					
	<i>White Pine</i>	<i>Sawtimber</i>	1.0	<i>MBF</i>					
<i>White Pine</i>	<i>Pulpwood</i>	10	<i>Cords</i>						
TOTAL:			77.0	MBF					
TOTAL:			1,102	Cords					

# Sale Specific Conditions & Requirements

**Sale Name: Williams Tract RP**

**Sale Number: 72-052-17 Seq#: 2**

## 1 - Sale Area

### 1.2 - Boundaries

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

The sale boundary and Payment Unit boundaries are marked and identified by red, yellow, and blue paint. Exterior sale boundary lines against state are marked with red paint. Exterior sale boundary lines against private are marked with blue paint. The interior boundary for Payment Unit 5 is marked with yellow paint. The interior boundaries between Payment Units 2, 3, and 4 are unpainted and designated as the forest roads as shown on the Timber Sale Map. The blue painted boundary line trees are not Included Timber and are to be protected. The red painted boundary line trees are to be protected, except do cut the following trees marked with red paint:

- Jack pine.
- Trees marked with orange paint.
- Any species that border mapped traversable roads that are not marked with blue paint.

Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid. Faded boundary paint remnants from a previous timber sale are to be disregarded.

## 2 - Timber Specifications

### 2.1 - Included Timber

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

Within Payment Unit(s) 5, cut all live and dead trees that are one (1) inch or more at DBH.

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

Within Payment Unit(s) 1-4, all trees which meet minimum piece specifications in 2.2 Utilization, within designated plantation rows are designated for cutting. Designated plantation rows are identified with double orange diagonal slashes on the end trees and single orange slashes on trees at intervals in between the end trees. Outside of those designated rows, individual trees are designated for cutting when marked with orange X's. In addition, all jack pine, red maple, aspen and black spruce are designated for cutting. Red pine and white pine stems that do not meet minimum piece specifications in 2.2 Utilization may be cut as needed for operability. Faded orange and green paint remnants from a previous timber sale are to be disregarded.

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

Note that Misc Species 1 = dead oak, and Misc Species 2 = dead jack pine.

### 2.2 - Utilization

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

Payment Unit 5 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter does not apply (G. C. & R. 2.2) because the stand has a significant amount of downed woody debris from the oak and jack pine breaking up.

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

Stump heights within Payment Unit(s) 1-4 shall not exceed 12 inches for trees greater than 10 inches at DBH and 6 inches for trees smaller than 10 inches at DBH. Stump heights within Payment Unit 5 shall not exceed 6 inches for all trees to facilitate planting operations.

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

The skidding of whole trees or tree segments with limbs attached is prohibited within the intact plantation portions of Payment Units 1-4. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

## 3 - Payments

### 3.3 - Pre-measured Sales

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

Payment Unit(s) 3 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment.

## 3.4 - Damaged Timber

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

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

No damage is acceptable to merchantable trees. Within the thinning Payment Units 1-4, 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. Within those Payment Units, trees less than 4.5" DBH may be cut as needed for operability.

## 4 - Transportation

### 4.1 - Construction

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

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

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

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be chipped, utilized, or dispersed away from the roads. 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, closure will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush may also need to be placed along portions of the trail. Contact the sale administrator for specific details of design and placement.

#### 4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

### 4.4 - Access

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

The DNR access gate must be kept closed during active harvest operations and locked whenever the cutting crew is not on site. This is to prevent someone other than the Purchaser from going through the gate and being locked in.

## 5 - Operations

### 5.1 - Notification

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

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 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 prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

#### 5.1.6 - Utility R.O.W. (1/15)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations. (Operations, in this case, is defined as decking or landing). Great Lakes Energy maintains the overhead powerline that crosses through Payment Unit 1.

## 5.2 - Conduct of Operations

### 5.2.1 - Slash

#### 5.2.1.13 - Dispose of slash as directed (12/05)

Slash is to be disposed of as directed by the sale administrator in the thinning Payment Units 1-4 (ie: flattening taller slash piles near the access roads).

### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-4, 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) 1-4, cutting, skidding, 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.

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

Within Payment Unit 5, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

#### 5.2.3.6 - 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.

### 5.2.20 - Equipment width (2/04)

Only equipment having a maximum width of eleven feet (ten feet recommended, and zero tail-swing) is to be used in the intact plantation portions of Payment Units 1-4. Wider equipment may be operated within the sparser areas of Payment Units 1-4 where there is more jack pine than red pine.

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

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

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

The Blue Bear is a snowmobile trail that runs down part of Pollack Bridge Road (seasonal County) and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31 without written approval of the Unit Manager. If the trail is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. In addition, any trees cut within 5 feet of the trail must be cut flush at ground level.

## 5.4 - Soil Protection

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

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 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.

## 5.5 - Protection of Improvements

### 5.5.3 - Protection of improvements detail (10/13)

Protect the fence and gate along the south edge of the sale. The fence has deadfalls on it from the oak breaking up but avoid doing additional damage during harvest operations.

## 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 Sand Hill Road prior to beginning operations. The road must be posted north of the Payment Unit 1 road intersection and near the south gate 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.

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

The Purchaser is responsible for posting and maintaining caution signs on the Blue Bear snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the haul route intersection 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 age-related decline in the mature jack pine and oak. 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
72 - 052	17

Forest Management Unit Grayling	County Crawford	Red & Yellow lines, Marking: Schmid Blue line, Marking & Cruising: Charlebois	Date 09/30/2017	Page 1	of 1
Township 27N	Range 4W	Section(s) and Subdivision(s) Section 35: SWNE, SE, E1/2SW, SENW	Scale 1:7,920		

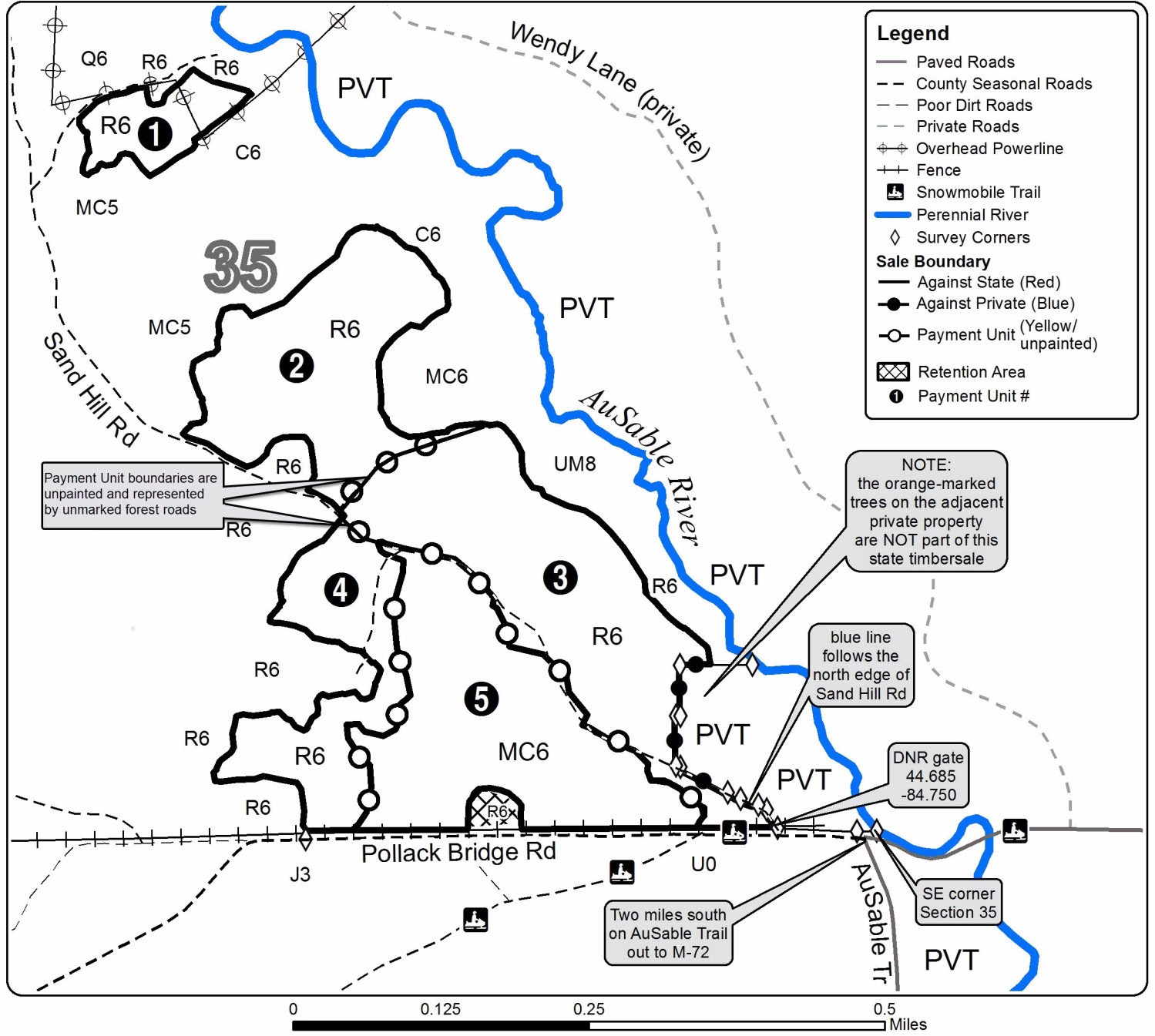
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium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

PU	Acres	PU	Acres
1	4.4	4	12.2
2	18.0	5	22.9
3	24.2		

## Williams Tract RP Compartment 205 81.7 Acres



QR code opens map in PDF maps app



Payment Unit boundaries are unpainted and represented by unmarked forest roads

NOTE: the orange-marked trees on the adjacent private property are NOT part of this state timbersale

blue line follows the north edge of Sand Hill Rd

DNR gate 44.685 -84.750

Two miles south on AuSable Trail out to M-72

SE corner Section 35

Tick Haven Jack (72-035-19)  
T27N, R01W, SEC. 24; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on April 25, 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>
Sawtimber			
Red Pine	33.1 MBF	\$ 89.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	8 Cords	\$ 24.90/Cord	\$ _____
Jack Pine	235 Cords	\$ 15.35/Cord	\$ _____
Northern Pin Oak	71 Cords	\$ 23.20/Cord	\$ _____
Red Pine	74 Cords	\$ 31.10/Cord	\$ _____
White Pine	19 Cords	\$ 21.45/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 21.46 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

Collin of Ktulu (72-006-20)

T28N, R01W, SEC. 6; T28N, R01W, SEC. 7; T28N, R02W, SEC. 1; Crawford

In response to the notice of sale to be held 9:00 a.m. (local time) on April 25, 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>
Pulpwood			
Jack Pine	1,018 Cords	\$ 15.35/Cord	\$ _____
Quaking Aspen	7 Cords	\$ 24.90/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 29.09 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**



Williams Tract RP (72-052-17)  
T27N, R04W, SEC. 35; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on April 25, 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>			
Northern Pin Oak	5.7 MBF	\$ 81.00/MBF	\$ _____
Red Pine	68.1 MBF	\$ 73.00/MBF	\$ _____
White Oak	3.2 MBF	\$ 55.00/MBF	\$ _____
<b>Pulpwood</b>			
Black Spruce	4 Cords	\$ 10.95/Cord	\$ _____
Jack Pine	395 Cords	\$ 12.55/Cord	\$ _____
Misc. Species 1	63 Cords	\$ 4.50/Cord	\$ _____
Misc. Species 2	24 Cords	\$ 2.25/Cord	\$ _____
Mixed Aspen	6 Cords	\$ 20.35/Cord	\$ _____
Mixed Oak	55 Cords	\$ 19.00/Cord	\$ _____
Red Maple	6 Cords	\$ 19.70/Cord	\$ _____
Red Pine	535 Cords	\$ 25.45/Cord	\$ _____
White Pine	14 Cords	\$ 17.55/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 12.93 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

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

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

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

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

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

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

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

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



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



Falling Bike Jack (72-042-21)  
T27N, R01W, SEC. 24; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on April 25, 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>			
BI/R/Hybrid Oak	28.3 MBF	\$ 100.00/MBF	\$ _____
Red Pine	13.1 MBF	\$ 89.00/MBF	\$ _____
White Pine	4.6 MBF	\$ 59.00/MBF	\$ _____
<b>Pulpwood</b>			
Balsam Fir	7 Cords	\$ 9.10/Cord	\$ _____
BI/R/Hybrid Oak	54 Cords	\$ 23.20/Cord	\$ _____
Black Cherry	4 Cords	\$ 24.10/Cord	\$ _____
Jack Pine	668 Cords	\$ 15.35/Cord	\$ _____
Quaking Aspen	17 Cords	\$ 24.90/Cord	\$ _____
Red Pine	14 Cords	\$ 31.10/Cord	\$ _____
White Oak	8 Cords	\$ 23.20/Cord	\$ _____
White Pine	11 Cords	\$ 21.45/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 6.45 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

Goose Cr Barkley KW (72-039-21)

T27N, R04W, SEC. 19; T27N, R04W, SEC. 30; T27N, R05W, SEC. 25; Crawford

In response to the notice of sale to be held 9:00 a.m. (local time) on April 25, 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>
Sawtimber			
Red Pine	207.1 MBF	\$ 49.00/MBF	\$ _____
Pulpwood			
Black Cherry	46 Cords	\$ 13.15/Cord	\$ _____
Jack Pine	5,218 Cords	\$ 8.35/Cord	\$ _____
Mixed Oak	51 Cords	\$ 12.65/Cord	\$ _____
Red Pine	427 Cords	\$ 16.95/Cord	\$ _____
White Pine	2 Cords	\$ 11.70/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 3.89 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

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

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

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

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

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

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

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

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

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



<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.
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1. My business is organized as (you **must** check one of the boxes below):
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  - 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

Bookin' Bobcat Pine (72-001-21)  
T25N, R04W, SEC. 29; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on April 25, 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>			
Jack Pine	21.0 MBF	\$ 31.00/MBF	\$ _____
Red Pine	195.8 MBF	\$ 89.00/MBF	\$ _____
<b>Pulpwood</b>			
Jack Pine	280 Cords	\$ 15.35/Cord	\$ _____
Mixed Hardwood	56 Cords	\$ 24.10/Cord	\$ _____
Quaking Aspen	17 Cords	\$ 24.90/Cord	\$ _____
Red Pine	79 Cords	\$ 31.10/Cord	\$ _____

\*The volumes are statistically estimated within plus (+) or minus (-) 7.05 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**

- 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:

- My business is organized as (you **must** check one of the boxes below):
  - Sole Proprietorship (individual)
  - Partnership
  - Corporation
- You **must** check one of the boxes below:
  - 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.
  - 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).
  - 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.
- 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