



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6842

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on February 19, 2021.

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:

Joan of Arctic Mix (72-004-20) / T28N, R04W, SEC. 5 , W1/2NW,SWSW.

T28N, R04W, SEC. 6 , E1/2NE,SESE.

T28N, R04W, SEC. 8 , NWNW.

Crawford County, Advertised Price \$16,886.60, 87.3 Acres, Aspen, Red Pine.

SALE NOTE: This sale is within Eastern Massasauga Rattlesnake habitat. Special protection trees were not cruised.

Wrap it up red pine (72-007-20) / T27N, R03W, SEC. 19, SESW.

T27N, R03W, SEC. 28, S1/2NW.

T27N, R03W, SEC. 29, SWSW.

T27N, R03W, SEC. 30, NENW,SWNW,SW,S1/2SE.

T27N, R03W, SEC. 31, NWNE.

Crawford County, Advertised Price \$130,986.80, 122.8 Acres, Red Pine, Hardwood.

SALE NOTE: Equine events/rides may occur on haul routes.

Per the Crawford County Road Commission (applies to Payment Units 6 and 7): The producer must haul south on Wilcox Bridge Rd to North Down. Utilize the old roads (see callout box on map) to avoid using River Park. Producer will either need to build up the approach to Wilcox and blend into road or haul out existing road leading into the snowmobile parking lot.

The use of timber mats is required to access Payment Unit 7. The mats shall cross the lowland stand that divides Payment Units 6 and 7.

There is an existing trail that connects Payment Unit 1 to the snowmobile trail. The producer will need to widen and brush this trail.

Oak wilt restrictions (with exceptions) in place for Payment Unit 1.

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.

Hunter-Moorestown Mix (72-008-20) / T25N, R04W, SEC. 34, NENW,N1/2NE,NWSE.

Crawford County, Advertised Price \$49,193.75, 79.8 Acres, Hardwood, Red Pine.

SALE NOTE: Two units of the sale front a Class A road (Military Road). Oak wilt restrictions will limit operations during spring breakup if the seasonal load restricted period extends past April 15.

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.

Howes Lk Rd JP (72-625-20) / T26N, R04W, SEC. 4 , SESW,W1/2SE.

T26N, R04W, SEC. 5 , NENW,NE,N1/2SE.

T27N, R04W, SEC. 32, SWSE.

Crawford County, Advertised Price \$13,663.80, 111.6 Acres, Jack Pine, Hardwood.

SALE NOTE: The sale is on Military Board lands. Payment Units 1 & 3 are on soils with a seasonal high water table, so they cannot be cut during spring break up. The overmature jack pine and oak is losing volume to age-related decline and mortality.

Portage-Tank Tr (72-628-20) / T26N, R04W, SEC. 4 , SWSW.

T26N, R04W, SEC. 5 , SENW,E1/2SW,SE.

Crawford County, Advertised Price \$61,126.45, 120.1 Acres, Red Pine, White Pine.

SALE NOTE: The sale is on Military Board lands. Payment Units 1, 2, 3 & 7 encompass ground with a seasonal high water table, so they cannot be cut during spring break up. The white pine and red pine sawtimber have components that are open-grown. The overmature jack pine and oak is losing volume to age-related decline and mortality.

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 February 19, 2021. 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 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. 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

Joan of Arctic Mix (72-004-20)
 T28N, R04W, SEC. 5; T28N, R04W, SEC. 6; T28N, R04W, SEC. 8.
 Crawford County (Advertised Price \$16,886.60)

SALE NOTE: This sale is within Eastern Massasauga Rattlesnake habitat. Special protection trees were not cruised.

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Pine	36.9 MBF	\$ 88.00 / MBF
Pulpwood		
Balsam Fir	17 Cords	\$ 12.40 / Cord
Jack Pine	63 Cords	\$ 12.70 / Cord
Mixed Aspen	476 Cords	\$ 14.10 / Cord
Mixed Hardwood	16 Cords	\$ 20.75 / Cord
Red Oak	11 Cords	\$ 17.70 / Cord
Red Pine	128 Cords	\$ 32.30 / Cord
White Pine	91 Cords	\$ 13.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 17.43 percent. There are an estimated 875 cords on this timber sale, plus or minus 153 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 \$844.00 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 | 17.3% |
| 02 | 43.9% |
| 03 | 38.8% |
4. If no cutting takes place, the 10% down payment will not be refunded.
 5. Operations on the contract issued will terminate on 03/31/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
69,142	875	17.43%	723	1,028

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
29	11,036	140	19.57%	112	167
32	58,105	736	19.46%	592	879
TOTAL:	69,141	875		705	1,046

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
29	7.5	2	7.5
32	79.8	1	18.3
		2	20.5
		3	41.0
TOTAL:	87.3		87.3

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	3.5	MBF	18.3	\$2,928.55
	Balsam Fir	Pulpwood	4	Cords		
	Jack Pine		7	Cords		
	Mixed Aspen		109	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	2.1	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	50	<i>Cords</i>		
	<i>Quaking Aspen</i>		55	<i>Cords</i>		
	Mixed Hardwood		3	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	3	<i>Cords</i>		
	Red Oak		3	Cords		
	<i>Red Oak</i>	<i>Sawtimber</i>	0.3	<i>MBF</i>		
	<i>Red Oak</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	Red Pine		18	Cords		
	White Pine		18	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	18	<i>Cords</i>		
2	Red Pine	Sawtimber	25.6	MBF	28.0	\$7,382.00
	Balsam Fir	Pulpwood	4	Cords		
	Jack Pine		41	Cords		
	Mixed Aspen		122	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	2.4	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	55	<i>Cords</i>		
	<i>Quaking Aspen</i>		62	<i>Cords</i>		
	Mixed Hardwood		4	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Red Maple</i>		3	<i>Cords</i>		
	Red Oak		3	Cords		
	<i>Red Oak</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>		
	<i>Red Oak</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	Red Pine		70	Cords		
	White Pine		32	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.3	<i>MBF</i>		
<i>White Pine</i>	<i>Pulpwood</i>	31	<i>Cords</i>			
3	Red Pine	Sawtimber	7.8	MBF	41.0	\$6,555.30
	Balsam Fir	Pulpwood	9	Cords		
	Jack Pine		15	Cords		
	Mixed Aspen		245	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	4.8	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	111	<i>Cords</i>		
	<i>Quaking Aspen</i>		124	<i>Cords</i>		
	Mixed Hardwood		8	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Red Maple</i>		6	<i>Cords</i>		
	Red Oak		5	Cords		
	<i>Red Oak</i>	<i>Sawtimber</i>	0.7	<i>MBF</i>		
	<i>Red Oak</i>	<i>Pulpwood</i>	4	<i>Cords</i>		
	Red Pine		40	Cords		
	White Pine		41	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
<i>White Pine</i>	<i>Pulpwood</i>	40	<i>Cords</i>			
TOTAL:			36.9	MBF		
TOTAL:			801	Cords		

Sale Specific Conditions & Requirements

Sale Name: Joan of Arctic Mix

Sale Number: 72-004-20 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint, and Manistee River Rd. Exterior sale boundaries against private property are marked with blue paint. Exterior sale boundaries against state are marked with red paint. Manistee River Rd is the east boundary of the sale and is unpainted. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-3, cut all trees that are two (2) inches or more at DBH except oak that are 18 inches or more at DBH, and red pine that are 26 inches or more 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.

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

3.4.2 - 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 oaks that are 18 inches or more at DBH, and red pine that are 26 inches or more 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 utilized or 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. 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. 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 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 prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact Breitburn Oil and Gas.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in the openings which are indicated by G0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

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

Slash is to be disposed of as directed by the sale administrator, i.e. flattening taller slash piles near the private property boundary, and well-travelled roads and paths.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-3, unless changed by written agreement, cutting and skidding are limited to when the ground is dry or frozen. This restriction is needed to minimize rutting and compaction within lands that are managed for Eastern Massasauga Rattlesnake habitat.

5.2.4 - Dead and Down Creation

5.2.4.6 - Dead and down creation, other (9/09)

The Purchaser is to create no less than 25 slash piles (at least 8 feet long and 4 feet tall) in the west half of the sale, except do not locate brush piles within 50 feet of the parking lot or closed road on the northwest edge of Payment Unit 3.

5.2.29 - Shrub protection (1/20)

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

5.2.31 - Landing locations (9/13)

Landing locations will be limited to the east side of the harvest area.

5.2.32 - Decking/landing restoration (9/13)

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

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

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

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 Manistee River 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.



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 12/15/2020	Page 1	of 1
Township 28N	Range 04W	Section(s) and Subdivision(s) Sec 5: W1/2NW, SWSW and Sec 6: E1/2NE, SESE	Scale 1:15,840		

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

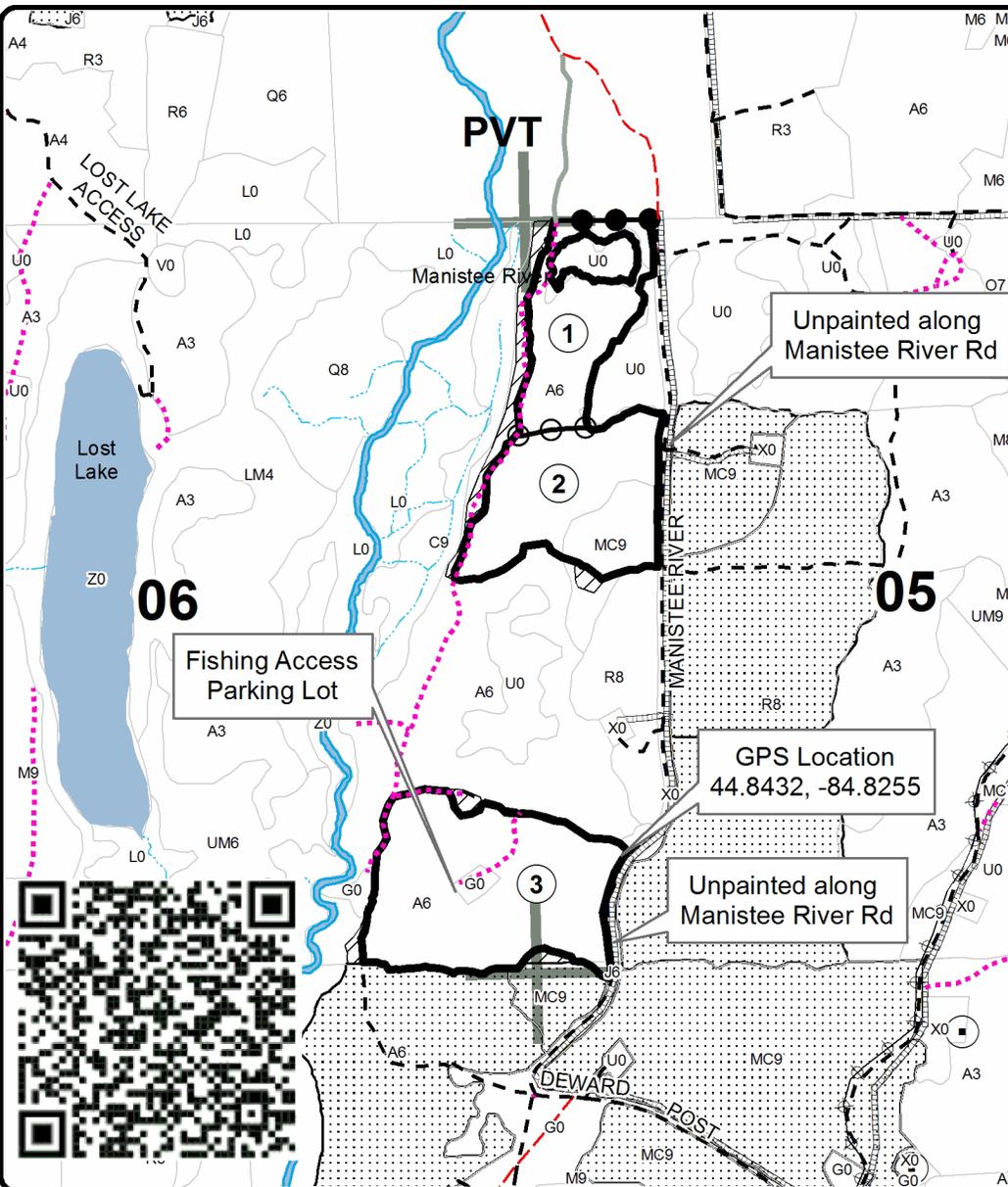
PU	Acres
1	18.3
2	28
3	41



Joan of Arctic Mix

Compartment 169

87.3 Acres

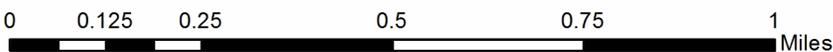
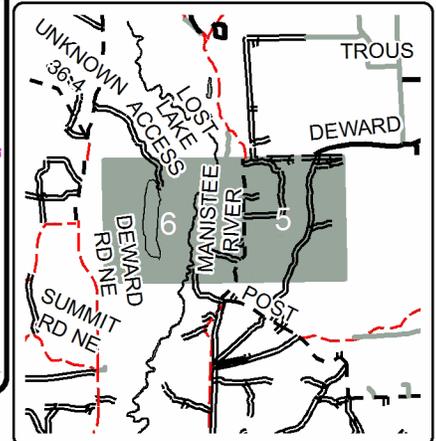


Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Payment Unit
- Retention Area
- Nearby Timber Sales
- Stand Boundaries
- Oil & Gas Well Surface Locations
- Pipeline
- Powerline
- Forest Access Route
- County Road - Seasonal
- Private
- Temporary Management Access
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Section Corners

Locator Map

1:100,000



TIMBER SALE INFORMATION

Wrap it up red pine (72-007-20)

T27N, R03W, SEC. 19; T27N, R03W, SEC. 28; T27N, R03W, SEC. 29; T27N, R03W, SEC. 30; T27N, R03W, SEC. 31.
Crawford County (Advertised Price \$130,986.80)

SALE NOTE: Equine events/rides may occur on haul routes.

Per the Crawford County Road Commission (applies to Payment Units 6 and 7): The producer must haul south on Wilcox Bridge Rd to North Down. Utilize the old roads (see callout box on map) to avoid using River Park. Producer will either need to build up the approach to Wilcox and blend into road or haul out existing road leading into the snowmobile parking lot.

The use of timber mats is required to access Payment Unit 7. The mats shall cross the lowland stand that divides Payment Units 6 and 7.

There is an existing trail that connects Payment Unit 1 to the snowmobile trail. The producer will need to widen and brush this trail.

Oak wilt restrictions (with exceptions) in place for Payment Unit 1.

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
BI/R/Hybrid Oak	32.1 MBF	\$ 144.00 / MBF
Jack Pine	7.9 MBF	\$ 21.00 / MBF
Red Maple	4.8 MBF	\$ 29.00 / MBF
Red Pine	881.6 MBF	\$ 88.00 / MBF
White Oak	5.7 MBF	\$ 41.00 / MBF
White Pine	23.1 MBF	\$ 31.00 / MBF
Pulpwood		
Black Spruce	2 Cords	\$ 12.55 / Cord
Jack Pine	60 Cords	\$ 12.70 / Cord
Mixed Aspen	54 Cords	\$ 14.10 / Cord
Mixed Hardwood	94 Cords	\$ 20.75 / Cord
Mixed Oak	254 Cords	\$ 17.70 / Cord
Red Pine	1,165 Cords	\$ 32.30 / Cord
White Pine	138 Cords	\$ 13.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 10.92 percent. There are an estimated 3,677 cords on this timber sale, plus or minus 401 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$6,549.00 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	11.4%
02	8.0%
03	21.4%
04	14.4%
05	5.4%
06	25.6%
07	13.8%

4. If no cutting takes place, the 10% down payment will not be refunded.

5. Operations on the contract issued will terminate on 03/31/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
290,448	3,677	10.92%	3,275	4,078

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
18	59,297	751	32.32%	508	993
20	39,468	500	15.97%	420	579
58	5,427	69	29.59%	48	89
59	21,401	271	40.40%	161	380
68	68,754	870	23.76%	664	1,077
69	38,133	483	24.57%	364	601
102	36,869	467	31.87%	318	615
118	21,101	267	27.24%	194	340
TOTAL:	290,451	3,677		2,678	4,676

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
18	18.6	3	18.6
20	31.3	4	31.3
58	10.8	5	10.8
59	14.1	5	14.1
68	18.4	6	18.4
69	12.6	7	12.6
102	9.3	1	9.3
118	7.7	2	7.7
TOTAL:	122.8		122.8

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	BI/R/Hybrid Oak	Sawtimber	30.8	MBF	9.3	\$14,868.05
	Red Maple		0.9	MBF		
	Red Pine		47.3	MBF		
	White Oak		5.1	MBF		
	Mixed Aspen	Pulpwood	24	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	1.6	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	21	<i>Cords</i>		
	Mixed Hardwood		23	Cords		
	<i>Red Maple</i>		23	<i>Cords</i>		
	Mixed Oak		200	Cords		
	<i>BI/R/Hybrid Oak</i>		156	<i>Cords</i>		
	<i>White Oak</i>		44	<i>Cords</i>		
	Red Pine		52	Cords		
2	Red Pine	Sawtimber	78.4	MBF	7.7	\$10,452.20
	Red Pine	Pulpwood	110	Cords		
3	Jack Pine	Sawtimber	7.9	MBF	18.6	\$28,085.80
	Red Pine		198.7	MBF		
	Jack Pine	Pulpwood	23	Cords		
	Red Pine		314	Cords		
4	Red Pine	Sawtimber	135.8	MBF	31.3	\$18,819.20
	Jack Pine	Pulpwood	19	Cords		
	Mixed Hardwood		2	Cords		
	<i>Red Maple</i>		2	<i>Cords</i>		
	Mixed Oak		4	Cords		
	<i>Northern Pin Oak</i>		4	<i>Cords</i>		
	Red Pine		200	Cords		
	White Pine		4	Cords		
5	Red Maple	Sawtimber	3.9	MBF	24.9	\$7,118.75
	Red Pine		20.4	MBF		
	White Pine		16.8	MBF		
	Black Spruce	Pulpwood	2	Cords		
	Jack Pine		18	Cords		
	Mixed Aspen		30	Cords		
	<i>Quaking Aspen</i>		30	<i>Cords</i>		
	Mixed Hardwood		69	Cords		
	<i>Black Cherry</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		68	<i>Cords</i>		
	Mixed Oak		17	Cords		
	<i>Northern Pin Oak</i>	<i>Sawtimber</i>	1.7	<i>MBF</i>		
	<i>Northern Pin Oak</i>	<i>Pulpwood</i>	14	<i>Cords</i>		
	Red Pine		33	Cords		
White Pine		88	Cords			
6	BI/R/Hybrid Oak	Sawtimber	1.3	MBF	18.4	\$33,560.30
	Red Pine		260.5	MBF		
	White Oak		0.6	MBF		
	White Pine		1.5	MBF		
	Mixed Oak	Pulpwood	29	Cords		
	<i>BI/R/Hybrid Oak</i>		20	<i>Cords</i>		
	<i>White Oak</i>		9	<i>Cords</i>		
	Red Pine		299	Cords		
	White Pine		15	Cords		
	7	Red Pine	Sawtimber	140.5		
White Pine			4.8	MBF		
Mixed Oak		Pulpwood	4	Cords		
<i>BI/R/Hybrid Oak</i>			4	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	Red Pine	Pulpwood	157	Cords		
	White Pine		31	Cords		
TOTAL:			955.2	MBF		
TOTAL:			1,767	Cords		

Sale Specific Conditions & Requirements

Sale Name: Wrap it up red pine

Sale Number: 72-007-20 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue paint, red paint, recreational trails, and River Park Rd.

Exterior sale boundary lines against private property are marked with blue paint, except for Payment Unit 5 which is unmarked and designated by the snowmobile trail.

Exterior sale boundary lines against state are marked with red paint, except for the west boundaries of Payment Units 2 and 3, which are unpainted and designated by the snowmobile/ORV trail, and the south boundaries of Payment Units 6 and 7, which are unpainted and designated by River Park Dr.

There are two excluded ponds in Payment Unit 2 marked with red X's. Do not enter or allow timber to fall in the ponds.

The painted boundary trees are not included timber and are to be protected, with the exception of the south boundary of Payment Unit 4. The red painted row of trees along the south boundary are to be harvested. This is to avoid a fence-row effect along the north side of the trail.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-7, cut all trees that are two (2) inches or more at DBH, except do not cut white pine larger than 26" at DBH.

2.1.15 - Hazard trees near roads (7/13)

Cut and remove all standing dead trees within 70 feet of the cleared portion of River Park Rd (south boundary of Payment Units 6 and 7). These trees may be utilized or must be scattered back into the sale area. Spec 5.2.2.1 - Den Trees does not apply to this 70ft swath.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 2, 3, 4, 6, and 7 must be chip harvested to facilitate subsequent planting operations. If market conditions limit the practicality of chipping, tops and slash must be arranged in a way that will not inhibit future planting operations, as directed by the sale administrator. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within Payment Units 2, 3, 4, 6, and 7 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 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.

Within Payment Unit 4, if more than 50% of the oak seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Payment Unit 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. Paths cut for operability do not count as damage.

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 trees over 26" at DBH within Payment Units 6 and 7. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$500 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 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 either a four (4') foot high berm of stumps and logs covered with earth, or blocking road with stumps and scattering slash 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.

4.1.8 - Road work (1) (8/07)

The following road work is required: The Purchaser will utilize the closed road to access Payment Units 6 and 7. The producer must build up the approach, then blend smoothly onto Wilcox. This avoids using River Park Dr. See the Timber Sale Map for location.

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 between the Purchaser and sale administrator is required prior to beginning any operations to determine landings, road work needed for Payment Units 6 and 7, the use of timber mats, and the specifics of sale boundaries for Payment Units 4 and 5, and pipeline locations. The Unit Manager or his/her representative must be contacted at least five 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 prior to operating equipment in the vicinity of well heads or natural gas pipelines. Contact DTE.

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 power line R.O.W. for operations.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.5 - 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.

5.2.4 - Dead and Down Creation

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

To encourage grouse and other wildlife, in Payment Unit(s) 5, leave one 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two tracks, or trails open to vehicles.

5.2.17 - Timber Mats and Interlocking Composite Mats (10/20)

Accessing Payment Unit 7 will require extra protection, such as that afforded by interlocking composite mats or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's mats. Contact the sale administrator regarding availability and pick-up. Composite mats are only available from the Roscommon field office. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the sale administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the composite mats is defined as cracked or broken mats.

5.2.32 - Decking/landing restoration (9/13)

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

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

The ORV trail is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20 foot wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline.

5.2.40 - Pathway protection (10/10)

The hiking and equestrian trails are shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the sale administrator.

5.2.41 - Snowmobile trail protection (9/11)

Snowmobile Trail #47 and #7 are shown on the Timber Sale Map. This trail is also a designated ORV trail during the warmer

months. 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 trail 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 1st. 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 road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. The trail may only be crossed at right angles. Maintain a 20 foot wide slash, debris, and rut free zone daily using the trail as the centerline. No decking of forest products will be permitted along the trail. In addition, all stumps within 5 feet of the trail must be cut flush at ground level or removed.

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

6.2.3 - Recreational trail posting (10/20)

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



TIMBER SALE MAP

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

Forest Management Unit Grayling		County Crawford	Mapped By Mittig and Behrmann	Date 01/04/2021	Page 1	of 2
Township 27N	Range 03W	Section(s) and Subdivision(s) 28 S1/2NW, 29 SWSW, 30NENW, SWNW, SWS1/2SE		Scale 1:15,840		

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

PU	Acres	PU	Acres
1	9.3	5	24.9
2	7.7	6	18.4
3	18.6	7	12.6
4	31.3		

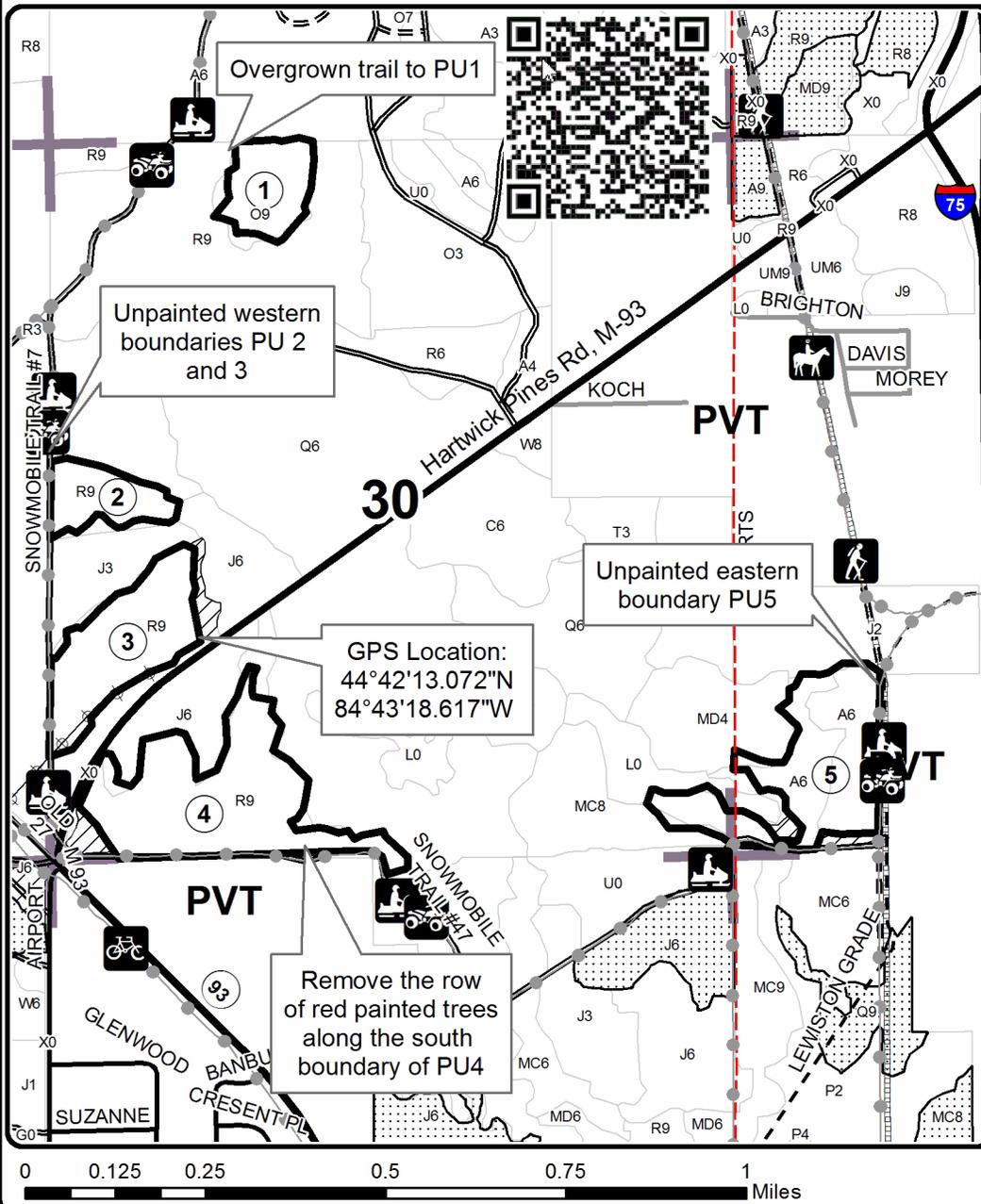
Wrap it Up Red Pine

Compartment 218

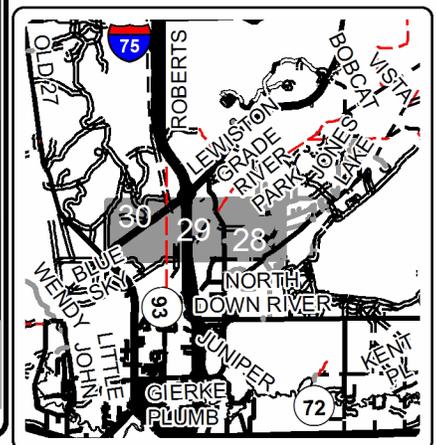
122.8 Acres

Legend

- Against State (Red)
- Payment Unit
- Retention Area
- Nearby Timber Sales
- Stand Boundaries
- Pipeline
- Powerline
- Recreational Trail
- Highway
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private
- Section Corners



Locator Map
1:200,000





TIMBER SALE MAP

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

Sale Number	Year
72 - 007	20

Forest Management Unit Grayling	County Crawford	Mapped By Mittig and Behrmann	Date 01/04/2021	Page 2	of 2
Township 27N	Range 03W	Section(s) and Subdivision(s) 28 S1/2NW, 29 SWSW, 30NENW, SWNW, SWS1/2SE	Scale 1:15,840		

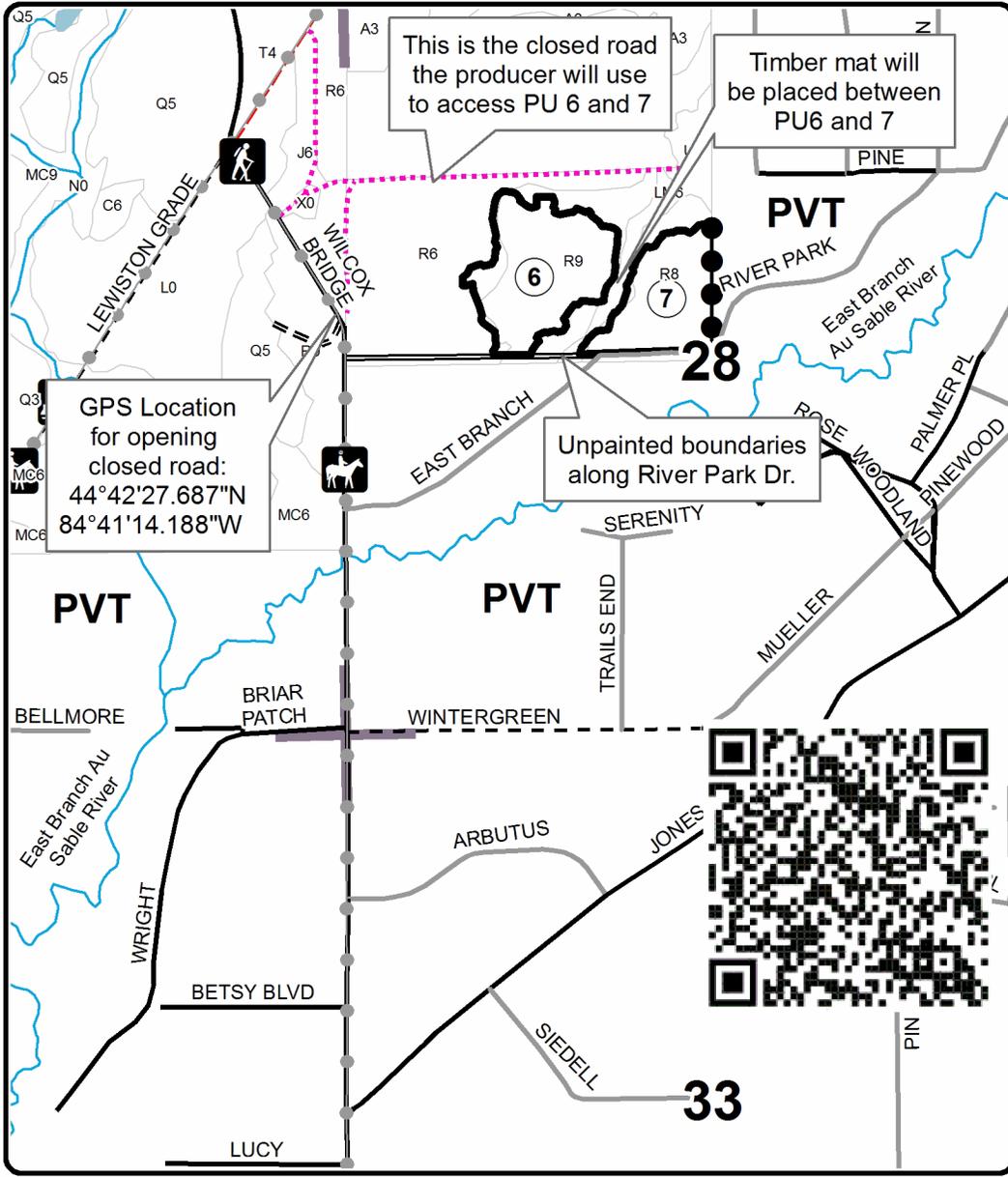
Cover Type				Density			
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PU	Acres	PU	Acres
1	9.3	5	24.9
2	7.7	6	18.4
3	18.6	7	12.6
4	31.3		

Wrap it Up Red Pine

Compartment 218

122.8 Acres

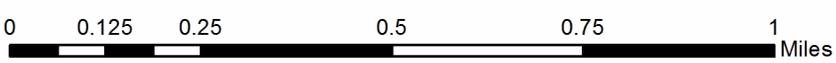
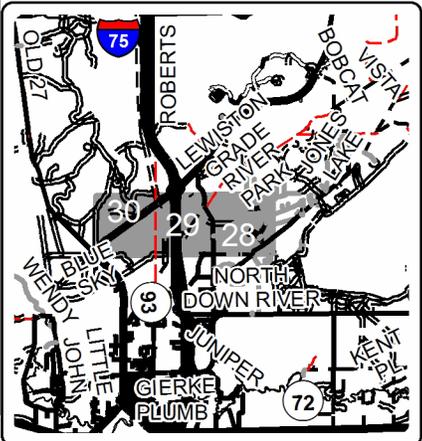


Legend

- Against State (Red)
- Private Line (Blue)
- Payment Unit
- Stand Boundaries
- Recreational Trail
- Secondary Forest Road
- == Forest Access Route
- Paved Road
- - Gravel Road
- - - County Road - Seasonal
- Private
- ⋯ Temporary Management Access
- Perennial River
- Lakes and Rivers
- Section Corners



Locator Map
1:200,000



TIMBER SALE INFORMATION

Hunter-Moorestown Mix (72-008-20)

T25N, R04W, SEC. 34.

Crawford County (Advertised Price \$49,193.75)

SALE NOTE: Two units of the sale front a Class A road (Military Road). Oak wilt restrictions will limit operations during spring breakup if the seasonal load restricted period extends past April 15.

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
BI/R/Hybrid Oak	11.8 MBF	\$ 87.00 / MBF
Red Oak	162.0 MBF	\$ 106.00 / MBF
Red Pine	158.7 MBF	\$ 88.00 / MBF
White Oak	53.4 MBF	\$ 41.00 / MBF
White Pine	25.5 MBF	\$ 31.00 / MBF
Pulpwood		
B. T. Aspen	16 Cords	\$ 14.10 / Cord
Balsam Fir	13 Cords	\$ 12.40 / Cord
Mixed Hardwood	47 Cords	\$ 20.75 / Cord
Mixed Oak	421 Cords	\$ 17.70 / Cord
Red Pine	124 Cords	\$ 32.30 / Cord
Scotch Pine	10 Cords	\$ 20.95 / Cord
White Pine	74 Cords	\$ 13.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.10 percent. There are an estimated 1,527 cords on this timber sale, plus or minus 185 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$2,460.00 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	30.4%
02	10.3%
03	22.0%
04	37.3%

4. If no cutting takes place, the 10% down payment will not be refunded.

5. Operations on the contract issued will terminate on 03/31/2023.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
120,638	1,527	12.10%	1,342	1,712

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
14	37,446	474	22.78%	366	582
16	15,263	193	38.17%	119	267
18	45,567	577	20.47%	459	695
20	22,357	283	19.49%	228	338
TOTAL:	120,633	1,527		1,172	1,882

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
14	18.6	1	18.6
16	16.3	2	16.3
18	15.8	4	15.8
20	29.1	3	29.1
TOTAL:	79.8		79.8

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Oak	Sawtimber	81.8	MBF	18.6	\$14,971.95
	Red Pine		9.1	MBF		
	White Oak		18.3	MBF		
	White Pine		0.7	MBF		
	B. T. Aspen	Pulpwood	6	Cords		
	Mixed Hardwood		27	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	1.7	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	24	<i>Cords</i>		
	Mixed Oak		165	Cords		
	<i>Red Oak</i>		109	<i>Cords</i>		
	<i>White Oak</i>		56	<i>Cords</i>		
	Red Pine		18	Cords		
	Scotch Pine		8	Cords		
	White Pine		30	Cords		
2	Red Oak	Sawtimber	20.2	MBF	16.3	\$5,087.10
	Red Pine		2.4	MBF		
	White Oak		16.4	MBF		
	Mixed Hardwood	Pulpwood	4	Cords		
	<i>Black Cherry</i>		4	<i>Cords</i>		
	Mixed Oak		110	Cords		
	<i>Red Oak</i>		42	<i>Cords</i>		
	<i>White Oak</i>		68	<i>Cords</i>		
	Red Pine		1	Cords		
3	Red Oak	Sawtimber	60.0	MBF	29.1	\$10,818.50
	Red Pine		24.1	MBF		
	White Oak		11.8	MBF		
	Mixed Oak	Pulpwood	75	Cords		
	<i>Red Oak</i>		57	<i>Cords</i>		
	<i>White Oak</i>		18	<i>Cords</i>		
	Red Pine		15	Cords		
	Scotch Pine		2	Cords		
4	BI/R/Hybrid Oak	Sawtimber	11.8	MBF	15.8	\$18,316.20
	Red Pine		123.1	MBF		
	White Oak		6.9	MBF		
	White Pine		24.8	MBF		
	B. T. Aspen	Pulpwood	10	Cords		
	Balsam Fir		13	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	1.3	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	10	<i>Cords</i>		
	Mixed Hardwood		16	Cords		
	<i>Red Maple</i>	<i>Sawtimber</i>	2.7	<i>MBF</i>		
	<i>Red Maple</i>	<i>Pulpwood</i>	11	<i>Cords</i>		
	Mixed Oak		71	Cords		
	<i>BI/R/Hybrid Oak</i>		59	<i>Cords</i>		
	<i>White Oak</i>		12	<i>Cords</i>		
	Red Pine		90	Cords		
	White Pine		44	Cords		
TOTAL:			411.4	MBF		
TOTAL:			705	Cords		

Sale Specific Conditions & Requirements

Sale Name: Hunter-Moorestown Mix

Sale Number: 72-008-20 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint, in addition to unpainted boundaries. Exterior sale boundary lines against state are marked with red paint, in addition to unpainted boundaries designated as Military Road for the east edges of Payment Units 3 & 4, Moorestown Road for the south edge of Payment Unit 4, and the cleared powerline corridor for the west edge of Payment Unit 4. Interior Payment Unit boundaries are marked with yellow paint, in addition to an unpainted boundary designated as the forty road between Payment Units 2 & 3 shown on the Timber Sale Map. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 4, cut all trees that are one (1) inch or more at DBH.

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

Within Payment Unit(s) 1, cut all trees which meet minimum piece specifications in 2.2 Utilization, except red maple. Red maple two (2) inches or more at DBH are designated for cutting.

Within Payment Unit(s) 2 & 3, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut white pine.

2.1.15 - Hazard trees near roads (7/13)

Cut and remove all standing dead trees within 100 feet of the cleared portion of mapped open roads and utility corridors. These trees may be utilized.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Unit 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 is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit 4 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations. Stump heights within Payment Units 1, 2 & 3 shall not exceed 12 inches for trees less than 20 inches in diameter, and 18 inches for trees larger than that.

2.2.6 - Roundwood operation required (5/07)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Units 1, 2 & 3. 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) 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 (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, reasonable care should be taken to avoid damage to tree seedlings and saplings.

Within Payment Units 1, 2 & 3, if more than 35% of the oak or pine seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the sale area that was damaged. Operational paths will have to be cut through the dense sapling cover in order to not leave bent/broken stems during felling and forwarding. Damages will not be assessed for those areas provided that the regen is cut cleanly.

No damage is acceptable to undesignated live merchantable trees. Within Payment Units 2 & 3, if more than 10% of the white pine (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be used for re-closing temporary roads or be 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 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 closure will require broadcast spreading stumps and slash across the first 100 feet into the sale boundary. Additional slash may be needed further into the sale area for erosion control on the hills. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary highway and county road 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 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.

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

The Purchaser is responsible for contacting the gas or pipeline company at least 5 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. This is necessary to coordinate access and give the pipeline operating company time to take needed steps to protect the planned pipeline crossings, such as bringing in gravel or crane mats.

5.1.4 - Post-sale conference (10/16)

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

5.2 - Conduct of Operations

5.2.2 - 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. This protection includes standing dead oak, except for as designated in spec 2.1.15 or for snags within multiple-stem clumps that include live stems.

5.2.3 - Operating Restrictions

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

Within Payment Units 1, 2 & 3 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. Hauling may be done during the oak wilt restricted period if road brushing is done prior to April 15.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit 4, 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.

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of the well site within Payment Unit 1 without permission of the oilfield operating company.

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

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

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

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

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

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 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.

6.2.3 - Recreational trail posting (2/10)

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



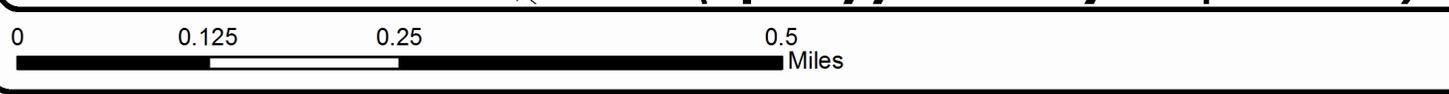
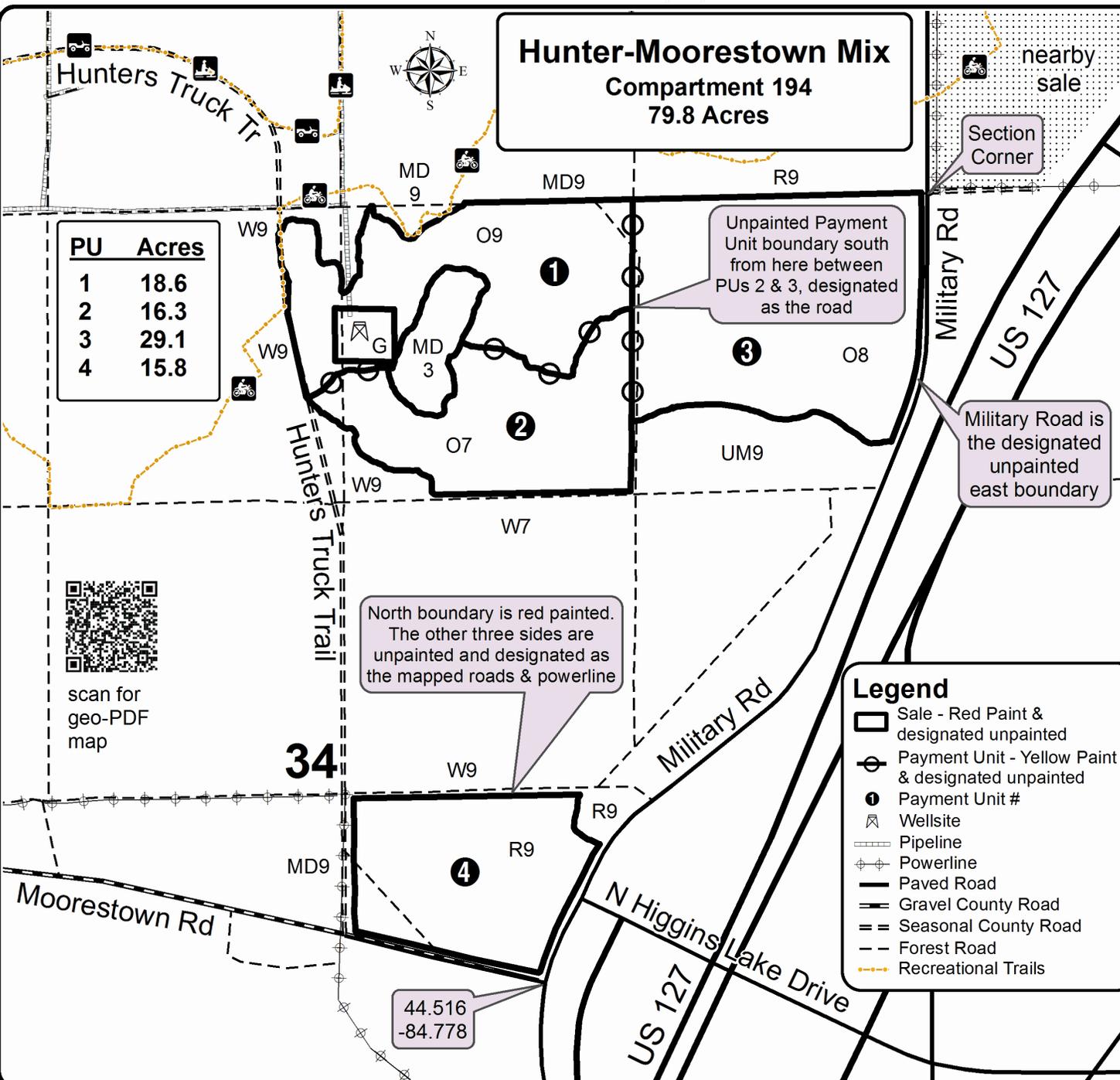
TIMBER SALE MAP

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

Sale Number	Year
72 - 008	20

Forest Management Unit	County	Mapped By	Date	Page	of
Grayling	Crawford	Martell	09/30/2020	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
25N	4W	Section 34: NENW, N1/2NE, NWSE	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					



TIMBER SALE INFORMATION

Howes Lk Rd JP (72-625-20)
 T26N, R04W, SEC. 4; T26N, R04W, SEC. 5; T27N, R04W, SEC. 32.
 Crawford County (Advertised Price \$13,663.80)

SALE NOTE: The sale is on Military Board lands. Payment Units 1 & 3 are on soils with a seasonal high water table, so they cannot be cut during spring break up. The overmature jack pine and oak is losing volume to age-related decline and mortality.

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Northern Pin Oak	11.9 MBF	\$ 71.00 / MBF
Red Oak	3.8 MBF	\$ 86.00 / MBF
Pulpwood		
B. T. Aspen	2 Cords	\$ 11.55 / Cord
Jack Pine	1,055 Cords	\$ 10.40 / Cord
Misc. Species 1	91 Cords	\$ 4.50 / Cord
Mixed Oak	75 Cords	\$ 14.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.63 percent. There are an estimated 1,254 cords on this timber sale, plus or minus 158 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 \$683.00 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	61.8%
02	21.5%
03	16.7%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2024.

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>
99,081	1,254	12.63%	1,096	1,413

VDU VOLUMES

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

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
18	62,647	793	16.02%	666	920
28	18,225	231	26.56%	169	292
61	18,210	231	31.34%	158	303
TOTAL:	99,082	1,254		994	1,515

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
18	71.1	1	71.1
28	16.5	2	16.5
61	24.0	3	24.0
TOTAL:	111.6		111.6

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Northern Pin Oak	Sawtimber	2.8	MBF	71.1	\$8,442.00
	Jack Pine	Pulpwood	763	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	<i>116.1</i>	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	<i>531</i>	<i>Cords</i>		
	Misc. Species 1		4	Cords		
	Mixed Oak		20	Cords		
	<i>Northern Pin Oak</i>		<i>20</i>	<i>Cords</i>		
2	Northern Pin Oak	Sawtimber	8.2	MBF	16.5	\$2,942.30
	Red Oak		3.8	MBF		
	B. T. Aspen	Pulpwood	2	Cords		
	Jack Pine		103	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	<i>25.9</i>	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	<i>51</i>	<i>Cords</i>		
	Misc. Species 1		54	Cords		
	Mixed Oak		48	Cords		
	<i>Northern Pin Oak</i>		<i>45</i>	<i>Cords</i>		
	<i>Red Oak</i>		<i>3</i>	<i>Cords</i>		
3	Northern Pin Oak	Sawtimber	0.9	MBF	24.0	\$2,279.50
	Jack Pine	Pulpwood	189	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	<i>34.1</i>	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	<i>121</i>	<i>Cords</i>		
	Misc. Species 1		33	Cords		
	Mixed Oak		7	Cords		
	<i>Northern Pin Oak</i>		<i>7</i>	<i>Cords</i>		
TOTAL:			15.7	MBF		
TOTAL:			1,223	Cords		

Sale Specific Conditions & Requirements

Sale Name: Howes Lk Rd JP

Sale Number: 72-625-20 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The 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 cut red painted trees bordering cleared road corridors if they meet the applicable Included Timber specification; if the tree is in a multiple-stem clump, cut all trees within the clump.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, cut all jack pine, northern pin oak, and standing dead oak trees which meet minimum piece specifications in 2.2 Utilization.

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

Within Payment Unit(s) 2, all jack pine, northern pin oak, red oak, standing dead oak, and aspen are designated for cutting which meet minimum piece specifications in 2.2 - Utilization.

Within Payment Unit(s) 3, all jack pine, northern pin oak, and standing dead oak are designated for cutting which meet minimum piece specifications in 2.2 - Utilization.

2.1.11 - Description of timber note (2/04)

Note that Misc Species 1 = dead oak.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for all trees. This is in order to facilitate military requirements while also taking into consideration the pit-and-mound ground form.

2.2.6 - Roundwood operation required (5/07)

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

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1-3, no chipping is permitted.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 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 (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, reasonable care should be taken to avoid damage to tree seedlings and saplings.

Within the sale area, if more than 30% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the

sale area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the sale area that was damaged. Operational paths will have to be cut through areas with heavier regeneration; damages will not be assessed on those paths provided that the regen is cut cleanly and not left bent/broken.

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

4 - Transportation

4.1 - Construction

4.1.3 - 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 into the sale if not needed for road closures.

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 broadcast-spreading slash across the first 100 feet of the road to be closed. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary highway and county road 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.

5.1.4 - 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.

5.1.5 - National Guard notification (2/15)

This sale is upon lands utilized for training by the Michigan National Guard - Camp Grayling. A minimum of five (5) business days prior to opening this sale, the producer must request that the sale administrator contact the military for information regarding training plans that may impact sale operations.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (5/07)

To facilitate reforestation, the sale area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

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

Slash is to be disposed of as directed by sale administrator, ie: flattening taller slash piles near the private property

boundary and keeping slash 10 feet away from the blue paint line.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1 and 3, unless changed by written agreement, cutting and skidding are limited to dry summer or frozen winter conditions. This restriction is needed because those units encompass some organic soils with a seasonal high water table.

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

Within Payment Unit(s) 2 & 3 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. Hauling may be done during the oak wilt restricted period if road brushing is done prior to April 15. This is necessary to reduce the spread of oak wilt.

5.2.3.7 - National Guard training restriction (1/09)

Operations on this contract may not be allowed during National Guard training operations. Typically, the restricted period is from May 1 to October 31. The contractor must check with the Unit Manager who will coordinate the cutting schedule with the Military. Harvest equipment and timber products may need to be removed from the sale area during the period of May 1 to October 31.

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.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from age-related decline and mortality in the jack pine and northern pin 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.

7.10 - Certified Timber

7.10.1 - Non-certified timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed for military training.

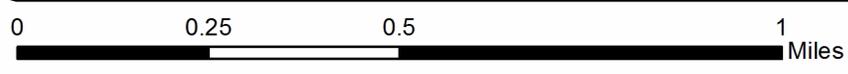
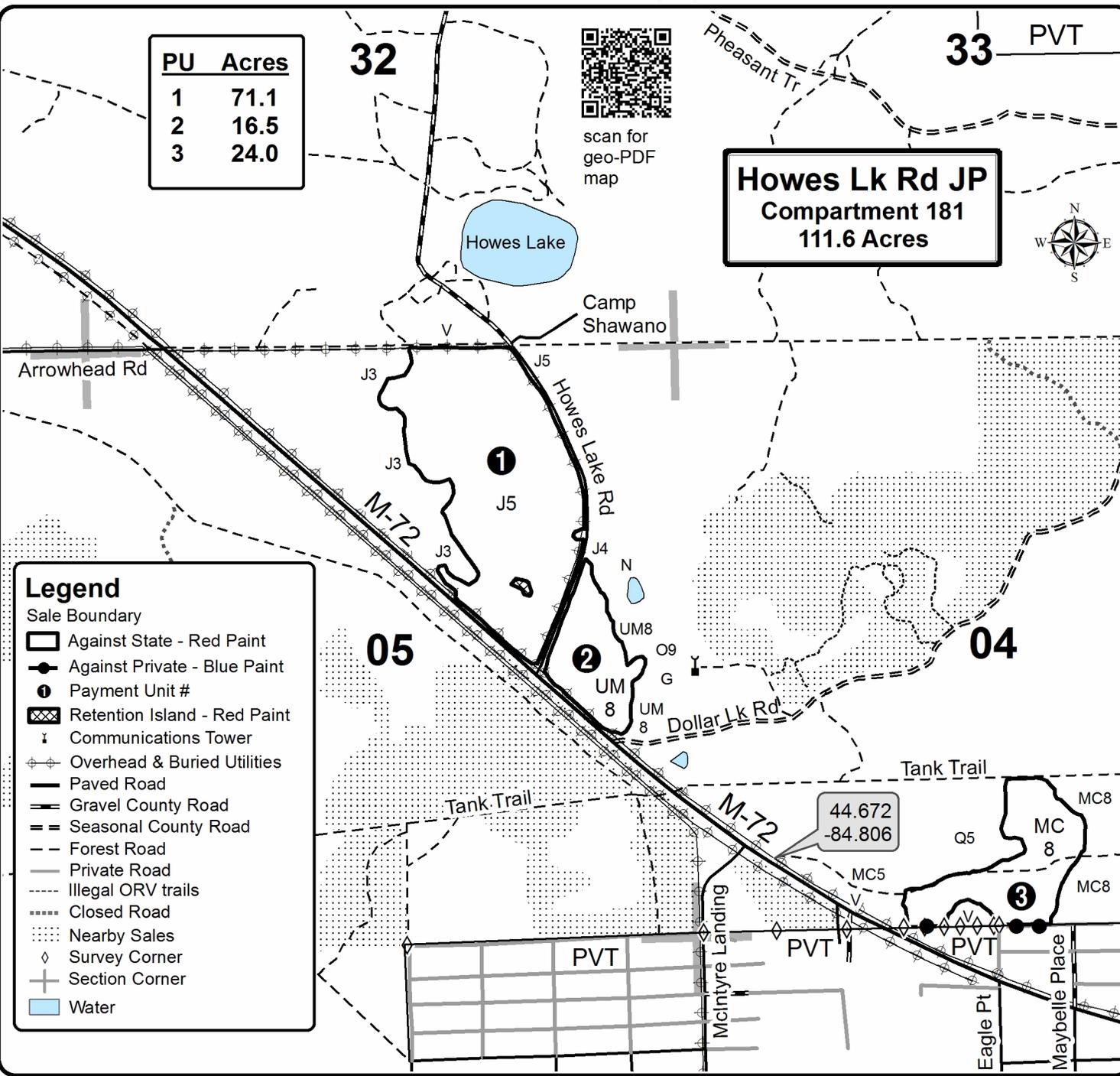


TIMBER SALE MAP

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

Forest Management Unit Grayling	County Crawford	Mapped By Charlebois	Date 09/30/2020	Page 1	of 1
Township 26N	Range 4W	Section(s) and Subdivision(s) Sec 4: SESW, SWSE; Sec 5: NE, NESE	Scale 1:15,840		

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



TIMBER SALE INFORMATION

Portage-Tank Tr (72-628-20)
 T26N, R04W, SEC. 4; T26N, R04W, SEC. 5.
 Crawford County (Advertised Price \$61,126.45)

SALE NOTE: The sale is on Military Board lands. Payment Units 1, 2, 3 & 7 encompass ground with a seasonal high water table, so they cannot be cut during spring break up. The white pine and red pine sawtimber have components that are open-grown. The overmature jack pine and oak is losing volume to age-related decline and mortality.

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Northern Pin Oak	11.5 MBF	\$ 87.00 / MBF
Red Maple	17.5 MBF	\$ 42.00 / MBF
Red Pine	307.4 MBF	\$ 88.00 / MBF
White Pine	229.6 MBF	\$ 31.00 / MBF
Pulpwood		
Balsam Fir	2 Cords	\$ 12.40 / Cord
Black Spruce	288 Cords	\$ 12.55 / Cord
Jack Pine	437 Cords	\$ 12.70 / Cord
Misc. Species 1	297 Cords	\$ 5.50 / Cord
Mixed Oak	56 Cords	\$ 17.70 / Cord
Red Maple	141 Cords	\$ 20.75 / Cord
Red Pine	222 Cords	\$ 32.30 / Cord
White Pine	240 Cords	\$ 13.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 9.72 percent. There are an estimated 2,814 cords on this timber sale, plus or minus 274 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 \$3,056.00 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 | 15.2% |
| 02 | 9.7% |
| 03 | 22.4% |
| 04 | 17.8% |
| 05 | 25.1% |
| 06 | 8.4% |
| 07 | 1.4% |
4. If no cutting takes place, the 10% down payment will not be refunded.
 5. Operations on the contract issued will terminate on 03/31/2024.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
222,293	2,814	9.72%	2,540	3,087

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
6	2,607	33	47.55%	17	49
13	38,370	486	30.74%	336	635
14	15,595	197	29.14%	140	255
16	58,515	741	15.95%	623	859
113	23,273	295	25.49%	220	370
116	32,185	407	21.96%	318	497
130	6,968	88	20.66%	70	106
213	42,139	533	28.87%	379	687
216	2,686	34	34.29%	22	46
TOTAL:	222,338	2,814		2,125	3,503

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
6	3.9	7	3.9
13	10.5	3	10.5
14	8.1	4	8.1
16	35.8	4	2.6
		5	33.2
113	9.8	2	9.8
116	31.2	6	31.2
130	1.9	4	1.9
213	15.3	1	14.5
		4	0.8
216	3.6	7	3.6
TOTAL:	120.1		120.1

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	3.3	MBF	14.5	\$9,287.05
	Red Pine		26.7	MBF		
	White Pine		74.6	MBF		
	Black Spruce	Pulpwood	144	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	8.0	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	128	<i>Cords</i>		
	Jack Pine		29	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	7.7	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	14	<i>Cords</i>		
	Red Maple		43	Cords		
	Red Pine		17	Cords		
	White Pine		63	Cords		
	2	Red Maple	Sawtimber	4.3		
Red Pine			23.1	MBF		
White Pine			37.5	MBF		
Black Spruce		Pulpwood	103	Cords		
<i>Black Spruce</i>		<i>Sawtimber</i>	7.0	<i>MBF</i>		
<i>Black Spruce</i>		<i>Pulpwood</i>	89	<i>Cords</i>		
Red Maple			22	Cords		
Red Pine			15	Cords		
White Pine			25	Cords		
3		Red Pine	Sawtimber	95.3	MBF	10.5
	White Pine		90.4	MBF		
	Black Spruce	Pulpwood	10	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	3.0	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	4	<i>Cords</i>		
	Jack Pine		3	Cords		
	<i>Jack Pine</i>		3	<i>Cords</i>		
	Mixed Oak		6	Cords		
	<i>Northern Pin Oak</i>		6	<i>Cords</i>		
	Red Pine		49	Cords		
	White Pine		46	Cords		
4	Northern Pin Oak	Sawtimber	0.3	MBF	13.4	\$10,867.55
	<i>Northern Pin Oak</i>		0.2	<i>MBF</i>		
	<i>White Oak</i>		0.1	<i>MBF</i>		
	Red Maple		1.2	MBF		
	Red Pine		80.6	MBF		
	White Pine		15.7	MBF		
	Black Spruce	Pulpwood	15	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	14	<i>Cords</i>		
	Jack Pine		24	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	2.3	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	19	<i>Cords</i>		
	Misc. Species 1		31	Cords		
	Mixed Oak		3	Cords		
	<i>Northern Pin Oak</i>		3	<i>Cords</i>		
	Red Maple		16	Cords		
	Red Pine		55	Cords		
	White Pine		28	Cords		
5	Northern Pin Oak	Sawtimber	3.4	MBF	33.2	\$15,361.20
	<i>Northern Pin Oak</i>		2.8	<i>MBF</i>		
	<i>White Oak</i>		0.6	<i>MBF</i>		
	Red Maple		1.9	MBF		
	Red Pine		81.7	MBF		
	White Pine		11.4	MBF		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
5 con't	Black Spruce	Pulpwood	7	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	1.4	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	4	<i>Cords</i>		
	Jack Pine		176	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	23.6	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	129	<i>Cords</i>		
	Misc. Species 1		108	Cords		
	Mixed Oak		18	Cords		
	<i>Northern Pin Oak</i>		15	<i>Cords</i>		
	<i>White Oak</i>		3	<i>Cords</i>		
	Red Maple		17	Cords		
	Red Pine		86	Cords		
	White Pine		78	Cords		
	6	Northern Pin Oak	Sawtimber	7.4		
<i>Northern Pin Oak</i>			7.4	<i>MBF</i>		
Red Maple			6.8	MBF		
Black Spruce		Pulpwood	2	Cords		
<i>Black Spruce</i>			2	<i>Cords</i>		
Jack Pine			150	Cords		
<i>Jack Pine</i>		<i>Sawtimber</i>	27.5	<i>MBF</i>		
<i>Jack Pine</i>		<i>Pulpwood</i>	95	<i>Cords</i>		
Misc. Species 1			156	Cords		
Mixed Oak			28	Cords		
<i>Northern Pin Oak</i>			28	<i>Cords</i>		
Red Maple			43	Cords		
7		Northern Pin Oak	Sawtimber	0.4	MBF	7.5
	<i>Northern Pin Oak</i>		0.4	<i>MBF</i>		
	Balsam Fir	Pulpwood	2	Cords		
	<i>Balsam Fir</i>	<i>Sawtimber</i>	0.7	<i>MBF</i>		
	<i>Balsam Fir</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	Black Spruce		7	Cords		
	<i>Black Spruce</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	6	<i>Cords</i>		
	Jack Pine		55	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	8.3	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	38	<i>Cords</i>		
	Misc. Species 1		2	Cords		
	Mixed Oak		1	Cords		
	<i>Northern Pin Oak</i>		1	<i>Cords</i>		
TOTAL:			566.0	MBF		
TOTAL:			1,683	Cords		

Sale Specific Conditions & Requirements

Sale Name: Portage-Tank Tr

Sale Number: 72-628-20 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint, in addition to unpainted Payment Unit boundaries. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint, in addition to unpainted Payment Unit boundaries designated as the Tank Trail and the cleared powerline corridor north of the Tank Trail, 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 cut red painted trees bordering the cleared corridors of M-72, McIntyre's Landing, the Tank Trail and the overhead powerline if they meet the applicable Included Timber specification; and if the tree is in a multiple-stem clump, cut all trees within the clump.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 3, 4 & 5, cut all trees that are one (1) inch or more at DBH, except do not cut trees marked with green paint. Note that standing dead oak is designated for cutting.

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

Within Payment Unit(s) 1 & 2, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut cedar and trees marked with green paint.

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

Within Payment Unit(s) 6 & 7, all trees are designated for cutting which meet minimum piece specifications in 2.2 - Utilization, except do not cut white pine, red pine, white oak, and green-marked trees. Note that standing dead oak is designated for cutting.

2.1.11 - Description of timber note (2/04)

Note that Misc Species 1 = dead oak.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 3, 4 & 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. 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 (G. C. & R. 2.2). This is because the sale is on lands used for Military training.

2.2.3 - Stump heights (4/07)

Stump heights within Payment Units 3, 4 & 5 shall not exceed 6 inches for trees less than 20 inches in diameter, and 12 inches for trees larger than that. This is necessary to facilitate follow-up planting operations while taking into consideration the larger-diameter components. Stump heights within Payment Units 1, 2, 6 & 7 shall not exceed 12 inches for trees less than 20 inches in diameter, and 18 inches for trees larger than that. This is necessary to facilitate military requirements while also taking into consideration the larger-diameter components and areas with pit-and-mound ground form.

2.2.6 - Roundwood operation required (5/07)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Units 1, 2 & 7. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1, 2 & 7, no chipping is permitted.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 5 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment.

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, reasonable care should be taken to avoid damage to tree seedlings and saplings.

Within Payment Units 1, 2, 6 & 7, if more than 30% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the sale area that was damaged. Operational paths will have to be cut through areas with heavier regeneration; damages will not be assessed on those paths provided that the regen is cut cleanly and not left bent/broken.

No damage is acceptable to undesignated live merchantable trees. Within Payment Units 1, 2, 6 & 7, 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, or at a rate of \$50 per sawtimber tree and \$10 per pole sized tree, whichever is greater.

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 into Payment Units 1, 2, 6 or 7 if not needed for road closures.

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 broadcast-spreading slash across the first 100 feet of the road to be closed. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary highway and county road 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.

5.1.4 - 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.

5.1.5 - National Guard notification (2/15)

This sale is upon lands utilized for training by the Michigan National Guard - Camp Grayling. A minimum of five (5) business days prior to opening this sale, the producer must request that the sale administrator contact the military for information regarding training plans that may impact sale operations.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (5/07)

To facilitate reforestation, Payment Units 1, 2, & 7 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.

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

Slash is to be disposed of as directed by sale administrator, ie: flattening taller slash piles near the private property boundary and public roads, and keeping slash back 20 feet from the blue paint line in Payment Units 6 & 7.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1, 2, 3 & 7, unless changed by written agreement, cutting and skidding are limited to dry summer or frozen winter conditions. This restriction is needed because those units encompass some organic soils with a seasonal high water table.

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

Within Payment Unit(s) 6 & 7 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.

5.2.3.7 - National Guard training restriction (1/09)

Operations on this contract may not be allowed during National Guard training operations. Typically, the restricted period is from May 1 to October 31. The contractor must check with the Unit Manager who will coordinate the cutting schedule with the Military. Harvest equipment and timber products may need to be removed from the sale area during the period of May 1 to October 31.

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

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

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on the Tank 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.

7 - Other Conditions

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from age-related decline and mortality in the jack pine and northern pin 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.

7.10 - Certified Timber

7.10.1 - Non-certified timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed for military training.



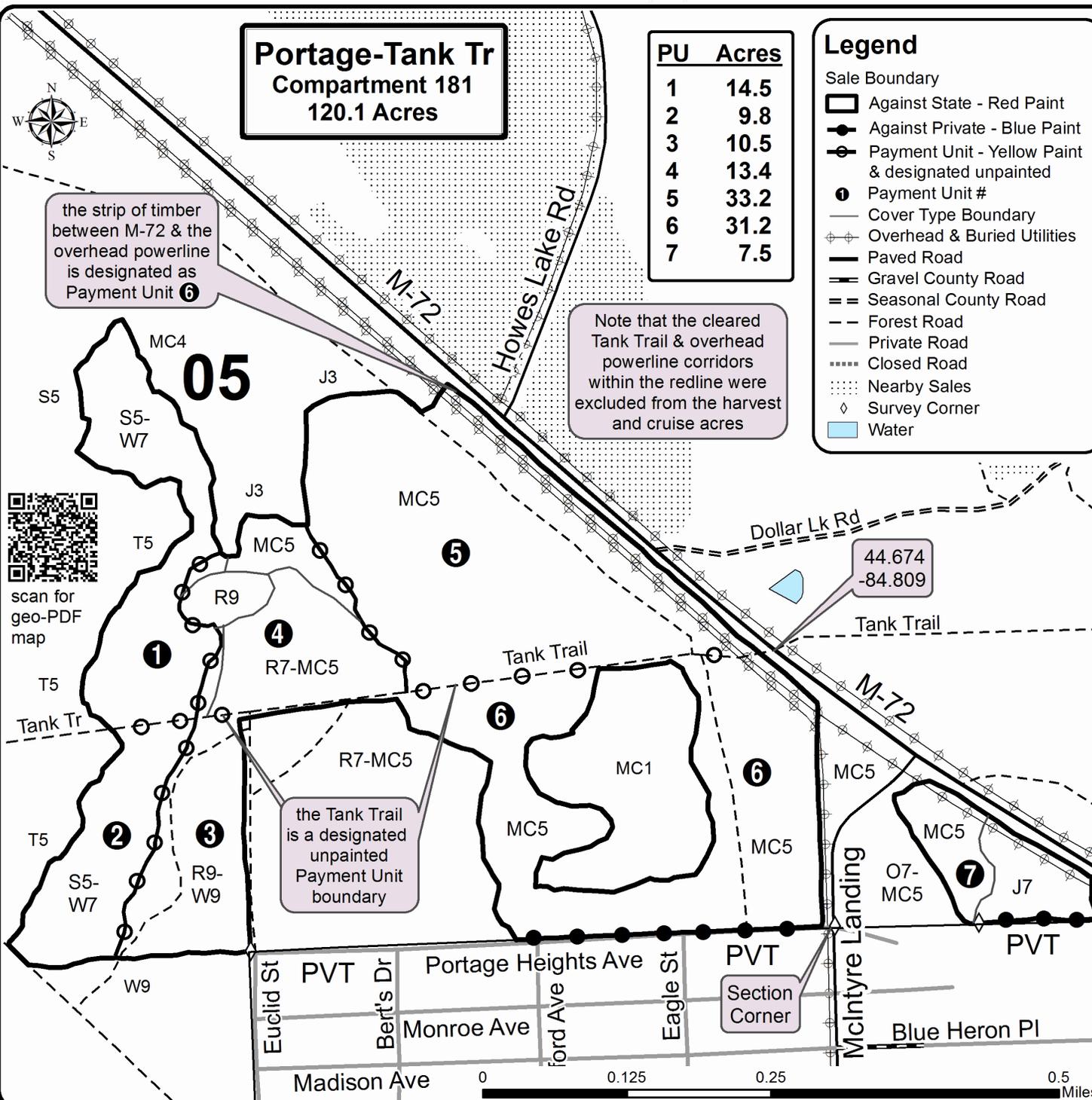
TIMBER SALE MAP

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

Sale Number	Year
72 - 628	20

Forest Management Unit	County	Mapped By	Date	Page	of
Grayling	Crawford	Charlebois	09/30/2020	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
26N	4W	Sec 4: SWSW; Sec 5: SE, E1/2SW, SENW	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			



Joan of Arctic Mix (72-004-20)
T28N, R04W, SEC. 5; T28N, R04W, SEC. 6; T28N, R04W, SEC. 8; Crawford

In response to the notice of sale to be held 9:00 a.m. (local time) on February 19, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Red Pine	36.9 MBF	\$ 88.00/MBF	\$ _____
Pulpwood			
Balsam Fir	17 Cords	\$ 12.40/Cord	\$ _____
Jack Pine	63 Cords	\$ 12.70/Cord	\$ _____
Mixed Aspen	476 Cords	\$ 14.10/Cord	\$ _____
Mixed Hardwood	16 Cords	\$ 20.75/Cord	\$ _____
Red Oak	11 Cords	\$ 17.70/Cord	\$ _____
Red Pine	128 Cords	\$ 32.30/Cord	\$ _____
White Pine	91 Cords	\$ 13.80/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 17.43 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

Wrap it up red pine (72-007-20)

T27N, R03W, SEC. 19; T27N, R03W, SEC. 28; T27N, R03W, SEC. 29; T27N,

In response to the notice of sale to be held 9:00 a.m. (local time) on February 19, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Bl/R/Hybrid Oak	32.1 MBF	\$ 144.00/MBF	\$ _____
Jack Pine	7.9 MBF	\$ 21.00/MBF	\$ _____
Red Maple	4.8 MBF	\$ 29.00/MBF	\$ _____
Red Pine	881.6 MBF	\$ 88.00/MBF	\$ _____
White Oak	5.7 MBF	\$ 41.00/MBF	\$ _____
White Pine	23.1 MBF	\$ 31.00/MBF	\$ _____
Pulpwood			
Black Spruce	2 Cords	\$ 12.55/Cord	\$ _____
Jack Pine	60 Cords	\$ 12.70/Cord	\$ _____
Mixed Aspen	54 Cords	\$ 14.10/Cord	\$ _____
Mixed Hardwood	94 Cords	\$ 20.75/Cord	\$ _____
Mixed Oak	254 Cords	\$ 17.70/Cord	\$ _____
Red Pine	1,165 Cords	\$ 32.30/Cord	\$ _____
White Pine	138 Cords	\$ 13.80/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 10.92 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

Howes Lk Rd JP (72-625-20)
T26N, R04W, SEC. 4; T26N, R04W, SEC. 5; T27N, R04W, SEC. 32; Crawford

In response to the notice of sale to be held 9:00 a.m. (local time) on February 19, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Northern Pin Oak	11.9 MBF	\$ 71.00/MBF	\$ _____
Red Oak	3.8 MBF	\$ 86.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	2 Cords	\$ 11.55/Cord	\$ _____
Jack Pine	1,055 Cords	\$ 10.40/Cord	\$ _____
Misc. Species 1	91 Cords	\$ 4.50/Cord	\$ _____
Mixed Oak	75 Cords	\$ 14.50/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 12.63 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

Hunter-Moorestown Mix (72-008-20)
T25N, R04W, SEC. 34; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on February 19, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Bl/R/Hybrid Oak	11.8 MBF	\$ 87.00/MBF	\$ _____
Red Oak	162.0 MBF	\$ 106.00/MBF	\$ _____
Red Pine	158.7 MBF	\$ 88.00/MBF	\$ _____
White Oak	53.4 MBF	\$ 41.00/MBF	\$ _____
White Pine	25.5 MBF	\$ 31.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	16 Cords	\$ 14.10/Cord	\$ _____
Balsam Fir	13 Cords	\$ 12.40/Cord	\$ _____
Mixed Hardwood	47 Cords	\$ 20.75/Cord	\$ _____
Mixed Oak	421 Cords	\$ 17.70/Cord	\$ _____
Red Pine	124 Cords	\$ 32.30/Cord	\$ _____
Scotch Pine	10 Cords	\$ 20.95/Cord	\$ _____
White Pine	74 Cords	\$ 13.80/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 12.10 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

Portage-Tank Tr (72-628-20)
T26N, R04W, SEC. 4; T26N, R04W, SEC. 5; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on February 19, 2021, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Northern Pin Oak	11.5 MBF	\$ 87.00/MBF	\$ _____
Red Maple	17.5 MBF	\$ 42.00/MBF	\$ _____
Red Pine	307.4 MBF	\$ 88.00/MBF	\$ _____
White Pine	229.6 MBF	\$ 31.00/MBF	\$ _____
Pulpwood			
Balsam Fir	2 Cords	\$ 12.40/Cord	\$ _____
Black Spruce	288 Cords	\$ 12.55/Cord	\$ _____
Jack Pine	437 Cords	\$ 12.70/Cord	\$ _____
Misc. Species 1	297 Cords	\$ 5.50/Cord	\$ _____
Mixed Oak	56 Cords	\$ 17.70/Cord	\$ _____
Red Maple	141 Cords	\$ 20.75/Cord	\$ _____
Red Pine	222 Cords	\$ 32.30/Cord	\$ _____
White Pine	240 Cords	\$ 13.80/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 9.72 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

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 - B. Partnership
 - C. Corporation

2. You **must** check one of the boxes below:
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 - 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