



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7065**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on June 6, 2022.

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

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, GRAYLING MANAGEMENT UNIT, for certain timber on the following described lands:

Predator Control JP (72-006-21) / T26N, R02W, SEC. 2 , W1/2NW,N1/2SW.

Crawford County, Advertised Price \$24,187.55, 106.3 Acres, Jack Pine, Red Pine.

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

Wakely Bridge Road south to M-72 is weight restricted year round.

See sale spec 2.2.3 for information on stump heights.

See sale spec 5.2.3.5 for information on oak wilt restrictions.

I'm Your Huckleberry Mix (72-024-21) / T24N, R08E, SEC. 5 , N1/2NW,SWNW,NWNE,SW,SWSE.

T24N, R08E, SEC. 6 , E1/2NE,SE.

T24N, R08E, SEC. 7 , N1/2NE.

T24N, R08E, SEC. 8 , N1/2NW.

Iosco County, Advertised Price \$126,953.35, 245.7 Acres, Hardwood, White Pine.

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

See sale spec 5.2.3.1 for information on operating restrictions due to soil conditions.

See sale spec 6.4 for information on unexploded ordinances.

See sale spec 5.2.3.5 for information on oak wilt restrictions.

See sale spec 5.2.4.6 for information on construction of brush piles.

Grayling Field Office will provide operational permit to winning bidder .

Dyin Aint Much of A Livin Mix (72-025-21) / T24N, R08E, SEC. 4 , W1/2NW,NE,NESW,S1/2SW,W1/2SE.
T24N, R08E, SEC. 5 , NENE,E1/2SE.

Iosco County, Advertised Price \$46,095.60, 179.0 Acres, Jack Pine, Hardwood.

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

- See sale specs 5.2.3.1 and 5.2.4.6 for information on restriction due to Massassauga Rattlesnake habitat.

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

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

Moto Oak (72-040-21) / T24N, R08E, SEC. 7 , NW,NWNE,S1/2NE,SW,SE.

Iosco County, Advertised Price \$67,173.80, 185.0 Acres, Hardwood, Red Pine.

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

- See sale spec 6.4 for information on potential unexploded ordinance

Contractor will need to acquire a permit from the Grayling Field Office prior to starting harvesting operations .

Road Runner Oak (72-044-21) / T24N, R08E, SEC. 5 , SESE.

T24N, R08E, SEC. 7 , SENE,E1/2SE.

T24N, R08E, SEC. 8 , S1/2NW,NE,N1/2SW,SWSW,NWSE.

Iosco County, Advertised Price \$54,621.40, 137.8 Acres, Hardwood, White Pine.

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

- See sale spec 5.2.39 for information on ORV trail requirements.

- See sale spec 6.4 for information on unexploded ordinance.

Contractor will need to acquire a permit from the Grayling Field Office prior to starting harvesting operations .

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

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

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

Bids must be received by the Unit Manager, GRAYLING OFFICE, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738, no later than 9:00 a.m. (local time) on June 6, 2022. For further information concerning this sale, contact Thomas Barnes at 989-348-6371 extension 7440.

2. Bidder's Qualifications (5/16)

Purchaser shall obtain workers compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale contract. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (5/16)

Bid Forms may be completed online thru Michigan DNR Timber Sale Online Bidding (OLB) at www.michigan.gov/timberbidding 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

Predator Control JP (72-006-21)
T26N, R02W, SEC. 2.
Crawford County (Advertised Price \$24,187.55)

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

Wakely Bridge Road south to M-72 is weight restricted year round.

See sale spec 2.2.3 for information on stump heights.

See sale spec 5.2.3.5 for information on oak wilt restrictions.

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Red Pine	50.0 MBF	\$ 84.00 / MBF
Pulpwood		
Jack Pine	991 Cords	\$ 15.90 / Cord
Northern Pin Oak	84 Cords	\$ 23.35 / Cord
Red Pine	60 Cords	\$ 31.80 / Cord
White Pine	17 Cords	\$ 21.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 5.22 percent. There are an estimated 1,320 cords on this timber sale, plus or minus 69 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$1,209.00 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	40.2%
02	36.8%
03	23.0%

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

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
104,301	1,320	5.22%	1,251	1,389

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
10	33,139	419	6.33%	393	446
12	67,609	856	7.38%	793	919
13	2,734	35	20.73%	27	42
14	819	10	28.87%	7	13
TOTAL:	104,301	1,320		1,220	1,420

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
10	41.0	2	11.1
		3	29.9
12	58.0	1	33.2
		2	24.8
13	5.1	1	5.1
14	2.2	2	2.2
TOTAL:	106.3		106.3

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	19.4	MBF	38.3	\$9,720.60
	Jack Pine	Pulpwood	400	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	11.7	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	377	<i>Cords</i>		
	Northern Pin Oak		36	Cords		
	Red Pine		28	Cords		
2	Red Pine	Sawtimber	17.0	MBF	38.1	\$8,890.50
	Jack Pine	Pulpwood	371	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	10.1	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	351	<i>Cords</i>		
	Northern Pin Oak		32	Cords		
	Red Pine		23	Cords		
	White Pine		4	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	4	<i>Cords</i>		
3	Red Pine	Sawtimber	13.6	MBF	29.9	\$5,560.55
	Jack Pine	Pulpwood	219	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	2.8	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	213	<i>Cords</i>		
	Northern Pin Oak		16	Cords		
	Red Pine		9	Cords		
	White Pine		13	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	0.5	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	12	<i>Cords</i>		
TOTAL:			50.0	MBF		
TOTAL:			1,151	Cords		

Sale Specific Conditions & Requirements

Sale Name: Predator Control JP

Sale Number: 72-006-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint, or are unmarked and identified by existing roads. Exterior sale boundary lines against private property are marked with blue paint, with the following exceptions: the north boundary of Payment Unit 1 is unmarked and identified by Homestead Road, the west boundaries of Payment Units 1 and 2 are unmarked and identified by Wakely Bridge Road, the south portion of Payment Unit 3 adjacent to Wakely Bridge Road is unmarked. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid. 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 green marked legacy pine in Payment Unit 1 is not to be cut or damaged.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

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

2.2.3 - Stump heights (4/07)

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

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

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

4.1.11 - Permits (2/12)

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

5 - Operations

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1-3, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.32 - Decking/landing restoration (9/13)

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

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 Wakely Bridge 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 Scott McClarren	Date 07/22/2021	Page 1	of 1
Township 26N	Range 02W	Section(s) and Subdivision(s) Sec 2, W1/2NW, N1/2SW	Scale 1:7,920		

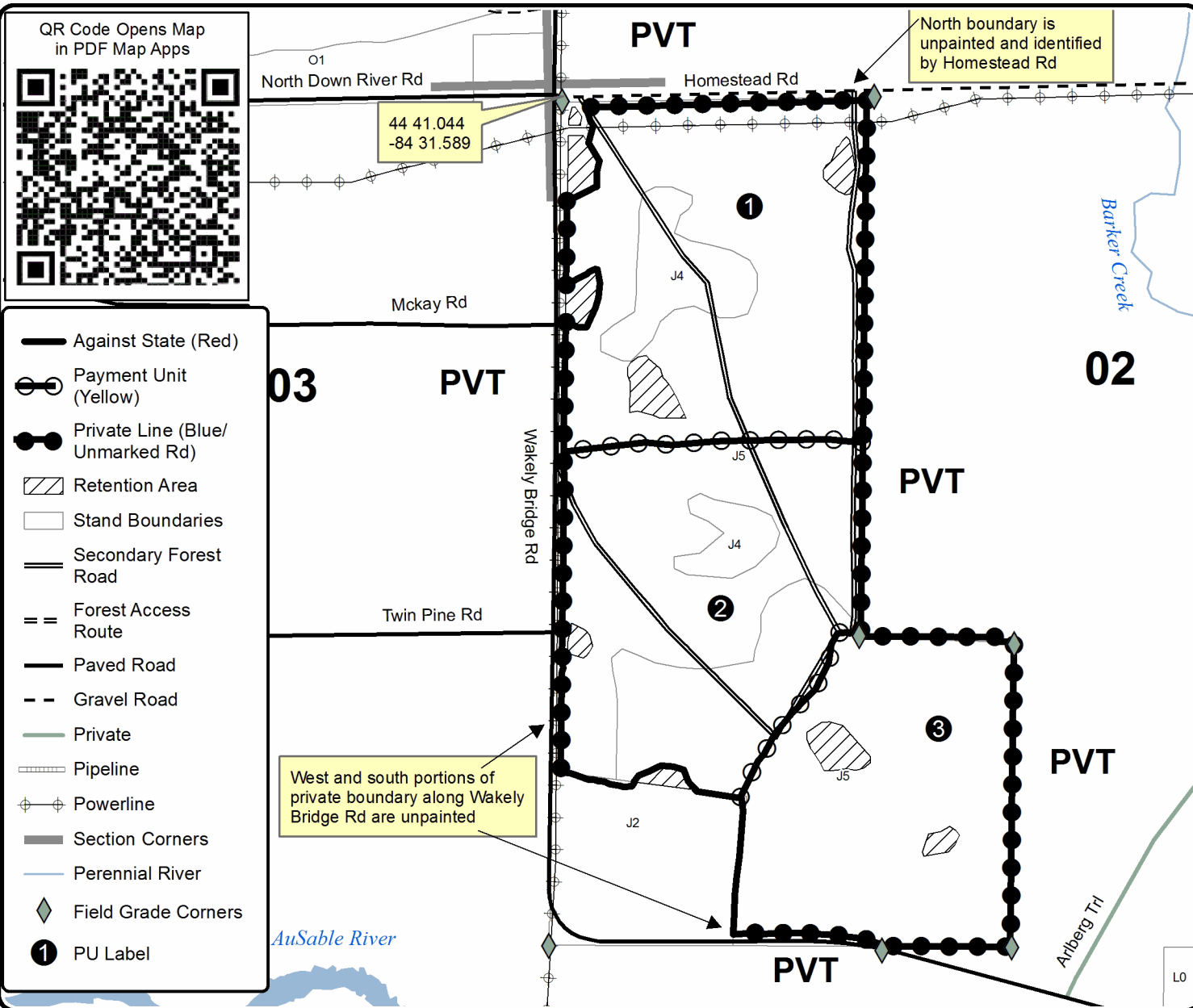
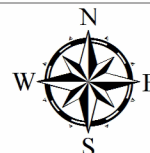
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium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

PU	Acres
1	38.3
2	38.1
3	29.9

Predator Control JP

Compartment 258

106.3 Acres



TIMBER SALE INFORMATION

I'm Your Huckleberry Mix (72-024-21)

T24N, R08E, SEC. 5; T24N, R08E, SEC. 6; T24N, R08E, SEC. 7; T24N, R08E, SEC. 8.
Iosco County (Advertised Price \$126,953.35)

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

See sale spec 5.2.3.1 for information on operating restrictions due to soil conditions.

See sale spec 6.4 for information on unexploded ordinances.

See sale spec 5.2.3.5 for information on oak wilt restrictions.

See sale spec 5.2.4.6 for information on construction of brush piles.

Grayling Field Office will provide operational permit to winning bidder.

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
BI/R/Hybrid Oak	287.0 MBF	\$ 99.00 / MBF
Jack Pine	58.4 MBF	\$ 32.00 / MBF
Red Oak	15.4 MBF	\$ 133.00 / MBF
Red Pine	92.0 MBF	\$ 84.00 / MBF
White Pine	145.9 MBF	\$ 59.00 / MBF
Pulpwood		
Balsam Fir	22 Cords	\$ 8.90 / Cord
Jack Pine	714 Cords	\$ 15.90 / Cord
Mixed Aspen	87 Cords	\$ 25.10 / Cord
Mixed Oak	2,021 Cords	\$ 23.35 / Cord
Red Maple	53 Cords	\$ 25.30 / Cord
Red Pine	123 Cords	\$ 31.80 / Cord
White Pine	570 Cords	\$ 21.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 3.35 percent. There are an estimated 5,068 cords on this timber sale, plus or minus 170 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 \$6,348.00 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	11.6%
02	17.4%
03	3.7%
04	18.7%
05	29.9%
06	12.3%
07	6.4%
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

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

SALE VOLUMES

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
400,406	5,068	3.35%	4,898	5,238

VDU VOLUMES

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

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
5	48,892	619	4.91%	588	649
10	20,957	265	11.40%	235	296
11	201,184	2,547	4.87%	2,423	2,671
13	109,047	1,380	7.30%	1,280	1,481
22	20,326	257	15.08%	218	296
TOTAL:	400,406	5,068		4,744	5,393

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
5	24.0	6	24.0
10	10.6	7	10.6
11	123.8	4	47.8
		5	76.0
13	59.9	1	24.0
		2	35.9
22	27.4	3	27.4
TOTAL:	245.7		245.7

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	BI/R/Hybrid Oak	Sawtimber	48.9	MBF	24.0	\$14,760.65			
	<i>Northern Pin Oak</i>		48.9	<i>MBF</i>					
	Jack Pine		7.3	MBF					
	Red Pine		1.0	MBF					
	White Pine		5.0	MBF					
	Jack Pine		Pulpwood	54			Cords		
	Mixed Aspen			7			Cords		
	<i>B. T. Aspen</i>			7			<i>Cords</i>		
	Mixed Oak			327			Cords		
	<i>Northern Pin Oak</i>			327			<i>Cords</i>		
	Red Pine			4			Cords		
	White Pine			24			Cords		
	2			BI/R/Hybrid Oak			Sawtimber	73.2	MBF
<i>Northern Pin Oak</i>		73.2	<i>MBF</i>						
Jack Pine		10.9	MBF						
Red Pine		1.5	MBF						
White Pine		7.5	MBF						
Jack Pine		Pulpwood	81	Cords					
Mixed Aspen			11	Cords					
<i>B. T. Aspen</i>			11	<i>Cords</i>					
Mixed Oak			490	Cords					
<i>Northern Pin Oak</i>			490	<i>Cords</i>					
Red Pine			5	Cords					
White Pine			37	Cords					
3			Jack Pine	Sawtimber	31.4	MBF		27.4	\$4,648.25
	Red Pine	1.0	MBF						
	White Pine	8.7	MBF						
	Jack Pine	Pulpwood	100		Cords				
	Mixed Oak		31		Cords				
	<i>BI/R/Hybrid Oak</i>		31		<i>Cords</i>				
	Red Pine		11		Cords				
	White Pine	18	Cords						
4	BI/R/Hybrid Oak	Sawtimber	44.4	MBF	47.8	\$23,759.20			
	<i>BI/R/Hybrid Oak</i>		44.4	<i>MBF</i>					
	Red Pine		29.5	MBF					
	White Pine		33.5	MBF					
	Jack Pine		Pulpwood	146			Cords		
	Mixed Aspen			6			Cords		
	<i>B. T. Aspen</i>			6			<i>Cords</i>		
	Mixed Oak			368			Cords		
	<i>White Oak</i>			<i>Sawtimber</i>			0.7	<i>MBF</i>	
	<i>BI/R/Hybrid Oak</i>						<i>Pulpwood</i>	359	<i>Cords</i>
	<i>White Oak</i>							8	<i>Cords</i>
	Red Pine							26	Cords
	White Pine		142	Cords					
5	BI/R/Hybrid Oak	Sawtimber	70.6	MBF	76.0	\$37,822.40			
	<i>BI/R/Hybrid Oak</i>		70.6	<i>MBF</i>					
	Red Pine		46.9	MBF					
	White Pine		53.3	MBF					
	Jack Pine		Pulpwood	232			Cords		
	Mixed Aspen			9			Cords		
	<i>B. T. Aspen</i>			9			<i>Cords</i>		
	Mixed Oak			587			Cords		
	<i>White Oak</i>			<i>Sawtimber</i>			1.1	<i>MBF</i>	
	<i>BI/R/Hybrid Oak</i>						<i>Pulpwood</i>	572	<i>Cords</i>
	<i>White Oak</i>							13	<i>Cords</i>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE				
5 con't	Red Pine	Pulpwood	41	Cords						
	White Pine		227	Cords						
6	BI/R/Hybrid Oak	Sawtimber	44.8	MBF	24.0	\$15,639.00				
	<i>BI/R/Hybrid Oak</i>		44.8	<i>MBF</i>						
	Jack Pine		8.0	MBF						
	Red Pine		6.4	MBF						
	White Pine	31.5	MBF							
	Jack Pine	Pulpwood	98	Cords						
	Mixed Oak		169	Cords						
	<i>White Oak</i>		2.1	<i>MBF</i>						
	<i>BI/R/Hybrid Oak</i>		147	<i>Cords</i>						
	<i>White Oak</i>		18	<i>Cords</i>						
	Red Pine		27	Cords						
	White Pine		103	Cords						
	7		BI/R/Hybrid Oak	Sawtimber			5.1	MBF	10.6	\$8,185.65
			<i>BI/R/Hybrid Oak</i>				5.1	<i>MBF</i>		
Jack Pine			0.8		MBF					
Red Oak		15.4	MBF							
Red Pine		5.7	MBF							
White Pine		6.4	MBF							
Balsam Fir		Pulpwood	22	Cords						
<i>Balsam Fir</i>			4.3	<i>MBF</i>						
<i>Balsam Fir</i>			13	<i>Cords</i>						
Jack Pine		3	Cords							
Mixed Aspen		54	Cords							
<i>B. T. Aspen</i>		Sawtimber	17.2	<i>MBF</i>						
<i>B. T. Aspen</i>			20	<i>Cords</i>						
Mixed Oak		48	Cords							
<i>White Oak</i>		Sawtimber	0.7	<i>MBF</i>						
<i>BI/R/Hybrid Oak</i>			28	<i>Cords</i>						
<i>Red Oak</i>		17	<i>Cords</i>							
<i>White Oak</i>		2	<i>Cords</i>							
Red Maple		53	Cords							
<i>Red Maple</i>		Sawtimber	5.1	<i>MBF</i>						
<i>Red Maple</i>			43	<i>Cords</i>						
Red Pine		9	Cords							
White Pine		19	Cords							
TOTAL:			598.7	MBF						
TOTAL:			3,589	Cords						

Sale Specific Conditions & Requirements

Sale Name: I'm Your Huckleberry Mix

Sale Number: 72-024-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. 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) 1-7, cut all trees that are two (2) inches or more at DBH.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be used in and along earthen berms for road closure at the completion of 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 distributed back over the surface of the road or utilized as agreed upon by the sale administrator to close the road to access upon completion of sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows. Upon completion of sale stumps shall be used to close off access to the new road.

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 blocked to vehicle traffic upon completion of the sale. There are existing temporary management access roads in the Sale Area. Temporary management access roads used to access and remove described timber must be blocked to vehicle traffic upon completion of the sale. These roads are shown in pink on the Timber Sale Map. The Purchaser is to provide notice to the Unit Manager or his/her representative, 5 days or more in advance, of any temporary management access road closure operations. This is to avoid closing roads that could interfere with any nearby logging operations, and to schedule an on-site meeting, determining how berms will be constructed and where they will be located for road closure. In general, this will require constructing double earthen berms at strategic locations, and/or require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the trail where they are readily available. Berms must also be placed at all junctions. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be

required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

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

5 - Operations

5.1 - Notification

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.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 7, unless changed by written agreement, cutting, skidding, and hauling are limited to dry summer/fall or frozen winter conditions to avoid any soil compaction or rutting in efforts to protect Eastern Massasauga habitat. This restriction is because this area lies within a Massasauga CCA Management Area.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1-7, 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

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

To create habitat for Eastern Massasauga in Payment Unit 7, construct 1 brush pile per 2 acres. Brush piles shall be constructed of 8 to 12 tops. Locations of brush piles should be scattered evenly throughout the Payment Unit.

5.2.29 - Shrub protection (1/20)

Reasonable care should be taken to avoid damaging hawthorn, dogwood, or junberry. These woody-shrub plants are highly beneficial to various wildlife species.

5.2.32 - Decking/landing restoration (9/13)

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

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

The Old State House Trail/Route is an ORV trail or route and 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. 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. In addition, operations are to cease, and the sale administrator is to be contacted, immediately if equipment and weather conditions result in rutting on skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Old State Trail/Route 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.

SKIP

6.4 - Unexploded ordinance (7/15)

Be aware that the sale area could contain UXO (unexploded ordinances). Do not touch, or drive over any metal objects. If any objects are found, please flag the area and notify the Unit Manager or his/her representative, so that they can make arrangements with the Military.



TIMBER SALE MAP

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

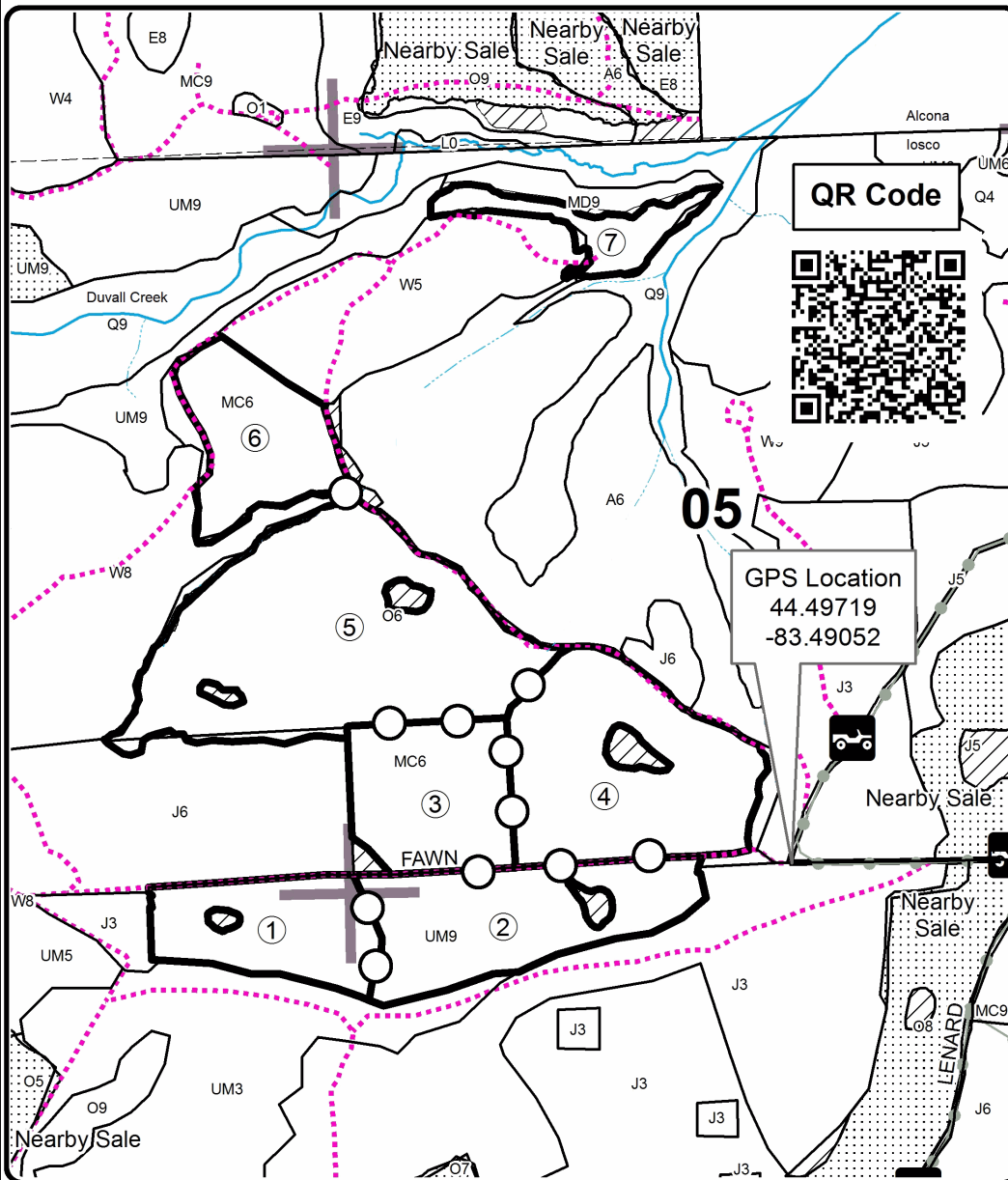
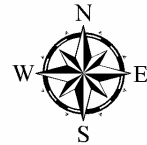
Forest Management Unit Grayling		County Iosco	Mapped By Kubitskey /Price		Date 10/05/21	Page 1 of 1	
		Cruised By Price, Kubitskey					
Township 24N	Range 08E	Section(s) and Subdivision(s) Sec. 5 N1/2NW, SWNW, NWNE, SW, SWSE, Sec. 6 E1/2NE, SE, Sec. 7 N1/2NE, Sec. 8 N1/2NW			Scale 1:15,840		

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

PU	Acres	PU	Acres
1	24	5	76
2	35.9	6	24
3	27.4	7	10.6
4	47.8		

I'm Your Huckleberry Mix

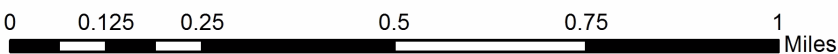
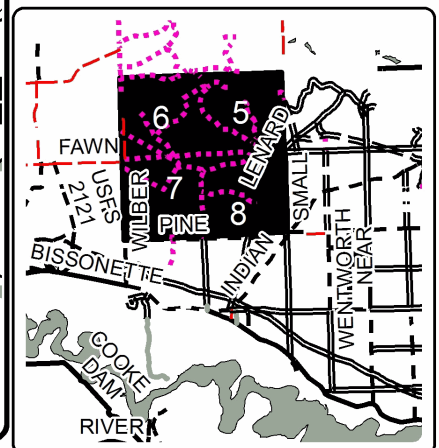
Compartment 66 & 67
245.7 Acres



Legend

- Against State (Red)
- ○ Payment Unit (Yellow)
- ② Payment Unit
- ▨ Retention Area
- ▤ Nearby Timber Sales
- ▭ Stand Boundaries
- Recreational Trail
- Secondary Forest Road
- ⋯ Temporary Management Access
- ⋯ Drain
- ⋯ Intermittent Stream
- Perennial River
- Section Corners

Locator Map
1:150,000



TIMBER SALE INFORMATION

Dyin Aint Much of A Livin Mix (72-025-21)
 T24N, R08E, SEC. 4; T24N, R08E, SEC. 5.
 Iosco County (Advertised Price \$46,095.60)

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

- See sale specs 5.2.3.1 and 5.2.4.6 for information on restriction due to Massassauga Rattlesnake habitat.
- See sale spec 5.2.3.5 for information on oak wilt restrictions.

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

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
BI/R/Hybrid Oak	11.6 MBF	\$ 94.00 / MBF
Red Maple	44.5 MBF	\$ 45.00 / MBF
Red Oak	1.6 MBF	\$ 126.00 / MBF
Red Pine	44.2 MBF	\$ 80.00 / MBF
White Oak	9.6 MBF	\$ 62.00 / MBF
White Pine	14.4 MBF	\$ 55.00 / MBF
Pulpwood		
Balsam Fir	33 Cords	\$ 8.40 / Cord
BI/R/Hybrid Oak	504 Cords	\$ 22.10 / Cord
Black Cherry	15 Cords	\$ 23.95 / Cord
Jack Pine	1,022 Cords	\$ 15.05 / Cord
Mixed Aspen	145 Cords	\$ 23.75 / Cord
Red Maple	166 Cords	\$ 23.95 / Cord
Red Oak	9 Cords	\$ 22.10 / Cord
Red Pine	35 Cords	\$ 30.05 / Cord
Tamarack	2 Cords	\$ 5.55 / Cord
White Oak	37 Cords	\$ 22.10 / Cord
White Pine	61 Cords	\$ 20.05 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 4.62 percent. There are an estimated 2,434 cords on this timber sale, plus or minus 113 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 \$2,305.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	12.3%
02	9.8%
03	16.9%
04	23.8%
05	17.1%
06	20.1%

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

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
192,307	2,434	4.62%	2,322	2,547

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
13	51,342	650	9.84%	586	714
16	81,874	1,036	7.00%	964	1,109
18	31,251	396	8.57%	362	429
19	27,840	352	13.30%	306	399
TOTAL:	192,307	2,434		2,217	2,652

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
13	58.6	1	32.8
		2	25.8
16	92.2	3	38.2
		4	54.0
18	9.5	6	9.5
19	18.7	5	18.7
TOTAL:	179.0		179.0

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Sawtimber	0.9	MBF	32.8	\$5,688.80
	BI/R/Hybrid Oak	Pulpwood	66	Cords		
	Jack Pine		235	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	20.2	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	195	<i>Cords</i>		
	Red Pine		4	Cords		
	White Pine		25	Cords		
	2	Red Pine	Sawtimber	0.7		
BI/R/Hybrid Oak		Pulpwood	52	Cords		
Jack Pine			186	Cords		
<i>Jack Pine</i>		<i>Sawtimber</i>	15.9	<i>MBF</i>		
<i>Jack Pine</i>		<i>Pulpwood</i>	154	<i>Cords</i>		
Red Pine			3	Cords		
White Pine			20	Cords		
3		Red Pine	Sawtimber	10.2	MBF	38.2
	White Oak		0.6	MBF		
	BI/R/Hybrid Oak	Pulpwood	131	Cords		
	Black Cherry		1	Cords		
	<i>Black Cherry</i>		1	<i>Cords</i>		
	Jack Pine		245	Cords		
	<i>Jack Pine</i>		245	<i>Cords</i>		
	Red Pine		10	Cords		
	White Oak		2	Cords		
	4	Red Pine	Sawtimber	14.4	MBF	
White Oak			0.9	MBF		
BI/R/Hybrid Oak		Pulpwood	184	Cords		
Black Cherry			2	Cords		
<i>Black Cherry</i>			2	<i>Cords</i>		
Jack Pine			346	Cords		
<i>Jack Pine</i>			346	<i>Cords</i>		
Red Pine			13	Cords		
White Oak			2	Cords		
5		BI/R/Hybrid Oak	Sawtimber	7.8	MBF	18.7
	Red Maple		29.6	MBF		
	White Pine		8.8	MBF		
	Balsam Fir	Pulpwood	22	Cords		
	BI/R/Hybrid Oak		66	Cords		
	Black Cherry		12	Cords		
	<i>Black Cherry</i>	<i>Sawtimber</i>	0.8	<i>MBF</i>		
	<i>Black Cherry</i>	<i>Pulpwood</i>	10	<i>Cords</i>		
	Jack Pine		10	Cords		
	<i>Jack Pine</i>		10	<i>Cords</i>		
	Mixed Aspen		66	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	24.2	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	18	<i>Cords</i>		
	Red Maple		67	Cords		
	Tamarack		2	Cords		
	White Pine		3	Cords		
6	BI/R/Hybrid Oak	Sawtimber	3.8	MBF	9.5	\$9,268.80
	Red Maple		14.9	MBF		
	Red Oak		1.6	MBF		
	Red Pine		18.0	MBF		
	White Oak		8.1	MBF		
	White Pine		5.6	MBF		
	Balsam Fir	Pulpwood	11	Cords		
	BI/R/Hybrid Oak		5	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Mixed Aspen	Pulpwood	79	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	32.3	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	14	<i>Cords</i>		
	Red Maple		99	Cords		
	Red Oak		9	Cords		
	Red Pine		5	Cords		
	White Oak		33	Cords		
	White Pine		13	Cords		
TOTAL:			125.9	MBF		
TOTAL:			2,029	Cords		

Sale Specific Conditions & Requirements

Sale Name: Dyin Aint Much of A Livin Mix

Sale Number: 72-025-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. 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) 1-6, cut all trees that are two (2) inches or more at DBH, except do not cut any hemlock or cedar. In addition, do not cut any oak or pine with a DBH greater than 26 inches. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.1.11 - Description of timber note (2/04)

Note that the following groupings of volume by species have been made: white pine pulpwood includes 2 cords of tamarack.

2.2 - Utilization

2.2.8 - Utilization and removal (5/14)

In Payment Units 5 and 6, all products not meeting standards set forth in General Condition and Requirement 2.2 - Utilization may not be removed from the Sale Area (e.g. tops). Retain on site more than 1/3 of the slash from harvested trees (treetops and limbs less than four inches in diameter). This is because retention of tops will help reduce the impact of logging equipment operating on the wet soils and the sloped terrain. In addition, brush piles are to be retained for Massassauga Rattlesnake habitat set forth in Operations 5.2.4.6.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-4 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 designated as any oak or pine species with a DBH of 26 inches or greater. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$300.00 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 to close roads to make them impassable to vehicles.

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. All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. Some existing roads may also need to be closed, see the Timber Sale Map for locations. In general, this will require constructing double earthen berms at strategic locations. 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. Berms must also be placed at intervals of not over 50 feet and at all junctions. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

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

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 5 and 6, unless changed by written agreement, cutting, and skidding limited to dry summer/fall or frozen winter conditions to avoid any soil compaction or rutting in efforts to protect Eastern Massasauga habitat. This restriction is because this area lies within a Massasauga CCA Management Area.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1-6, 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 and 6, 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. These trees will be evenly scattered throughout the Payment Unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

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

To create habitat for Eastern Massasauga brush piles in Payment Units 5 and 6, construct 1 brush pile per 2 acres. Brush piles shall be constructed of 8 to 12 tops. Locations of brush piles should be scattered evenly throughout the Payment Units.

5.2.29 - Shrub protection (1/20)

Reasonable care should be taken to avoid cutting or damaging hawthorn, witch-hazel, dogwood, or junberry. These woody-shrub plants are highly beneficial to various wildlife species.

5.2.32 - Decking/landing restoration (9/13)

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

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

For the ORV route shown on the Timber Sale Map, do not cut trees or damage posts with ORV markers. All stumps within 5 feet of the trail must be cut off flush at ground level. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. 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 6 inches or greater in depth and 25 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. The sale administrator is to be contacted immediately if excessive rutting occurs.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (10/20)

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

SKIP

6.4 - Unexploded ordinance (7/15)

Be aware that the sale area could contain UXO (unexploded ordinances). Do not touch, or drive over any metal objects. If any objects are found, please flag the area and notify the Unit Manager or his/her representative, so that they can make arrangements with the Military.



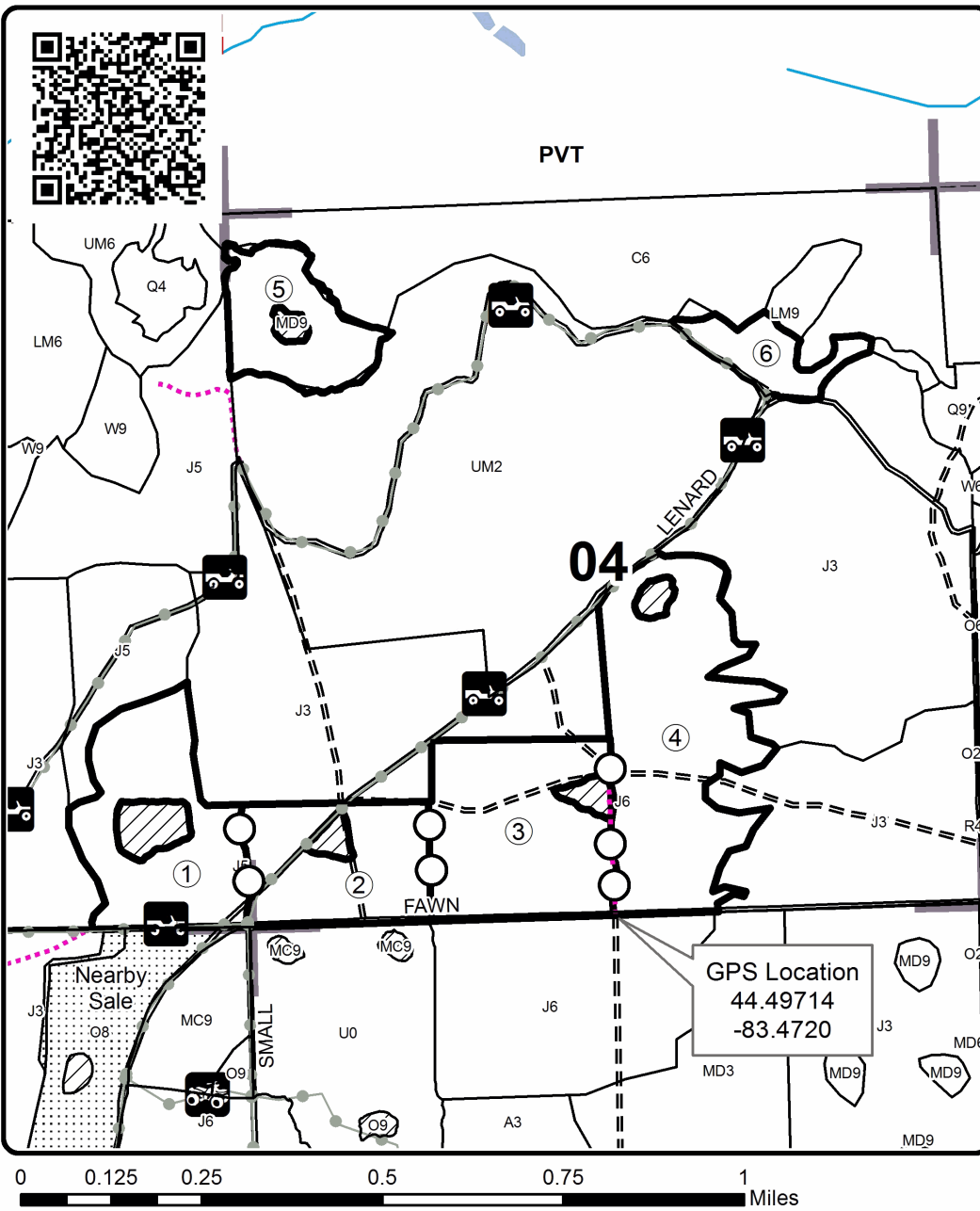
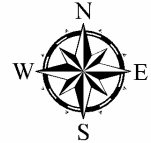
TIMBER SALE MAP

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

Forest Management Unit Grayling Management Unit		County Iosco	Mapped By Kubitskey		Date 10/6/2021	Page 1		of 1	
Township 24N	Range 08E	Section(s) and Subdivision(s) Sec. 4 W1/2NW,NE,NESW,S1/2SW,W1/2SE Sec. 5 NENE,E1/2SE			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 = Tread Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium		
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well		
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water				
G = Grass	MD = Mixed Deciduous	T = Tamarack					

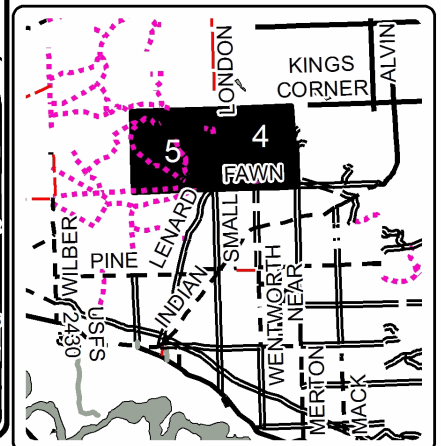
PU	Acres	PU	Acres	<h2>Dyin Aint Much of A Livin Mix</h2> <h3>Compartment 66</h3> <p>179 Acres</p>
1	32.8	4	54	
2	25.8	5	18.7	
3	38.2	6	9.5	



Legend

- Against State (Red)
- Payment Unit (Yellow)
- Retention Area (Red)
- Nearby Timber Sales
- Stand Boundaries
- Recreational Trail
- Secondary Forest Road
- Forest Access Route
- Gravel Road
- County Road - Seasonal
- Temporary Management Access
- Perennial River
- Lakes and Rivers
- Section Corners
- Payment Unit

Locator Map
1:150,000



TIMBER SALE INFORMATION

Moto Oak (72-040-21)

T24N, R08E, SEC. 7.

Iosco County (Advertised Price \$67,173.80)

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

- See sale spec 6.4 for information on potential unexploded ordinance

Contractor will need to acquire a permit from the Grayling Field Office prior to starting harvesting operations .

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Mixed Oak	164.5 MBF	\$ 99.00 / MBF
Red Pine	92.5 MBF	\$ 84.00 / MBF
White Oak	16.3 MBF	\$ 66.00 / MBF
White Pine	60.2 MBF	\$ 59.00 / MBF
Pulpwood		
Jack Pine	248 Cords	\$ 15.90 / Cord
Mixed Aspen	24 Cords	\$ 25.10 / Cord
Mixed Oak	1,149 Cords	\$ 23.35 / Cord
Red Pine	179 Cords	\$ 31.80 / Cord
White Pine	67 Cords	\$ 21.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 4.68 percent. There are an estimated 2,499 cords on this timber sale, plus or minus 117 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 \$3,359.00 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	14.8%
02	24.5%
03	19.9%
04	40.8%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
197,390	2,499	4.68%	2,381	2,616

VDU VOLUMES

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

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
4	33,915	429	9.33%	389	469
7	51,890	657	7.75%	606	708
12	71,374	903	9.62%	817	990
112	40,210	509	8.71%	465	553
TOTAL:	197,390	2,499		2,276	2,721

VDU TO PAYMENT UNIT

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

VDU	VDU ACRES	PU	PU ACRES
4	31.6	1	31.6
7	32.7	2	32.7
12	69.4	4	69.4
112	51.3	3	51.3
TOTAL:	185.0		185.0

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Mixed Oak	Sawtimber	13.6	MBF	31.6	\$9,910.30			
	<i>Northern Pin Oak</i>		13.6	<i>MBF</i>					
	Red Pine		6.9	MBF					
	White Oak		1.1	MBF					
	Jack Pine	Pulpwood	59	Cords					
	<i>Jack Pine</i>		59	<i>Cords</i>					
	Mixed Aspen		16	Cords					
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	5.5	<i>MBF</i>					
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	5	<i>Cords</i>					
	Mixed Oak		271	Cords					
	<i>Northern Pin Oak</i>		266	<i>Cords</i>					
	<i>White Oak</i>		5	<i>Cords</i>					
	Red Pine		3	Cords					
	White Pine		7	Cords					
2	Mixed Oak	Sawtimber	38.6	MBF	32.7	\$16,486.00			
	<i>Northern Pin Oak</i>		38.6	<i>MBF</i>					
	Red Pine		14.6	MBF					
	Jack Pine	Pulpwood	139	Cords					
	<i>Jack Pine</i>	<i>Sawtimber</i>	8.8	<i>MBF</i>					
	<i>Jack Pine</i>	<i>Pulpwood</i>	121	<i>Cords</i>					
	Mixed Aspen		8	Cords					
	<i>Quaking Aspen</i>	<i>Sawtimber</i>	1.1	<i>MBF</i>					
	<i>Quaking Aspen</i>	<i>Pulpwood</i>	6	<i>Cords</i>					
	Mixed Oak		294	Cords					
	<i>Northern Pin Oak</i>		294	<i>Cords</i>					
	Red Pine		68	Cords					
	3	Mixed Oak	Sawtimber	25.2			MBF	51.3	\$13,347.40
		<i>Bl/R/Hybrid Oak</i>		22.6			<i>MBF</i>		
<i>Northern Pin Oak</i>			2.6	<i>MBF</i>					
Red Pine			19.3	MBF					
White Oak			2.1	MBF					
White Pine			36.5	MBF					
Jack Pine		Pulpwood	50	Cords					
<i>Jack Pine</i>		<i>Sawtimber</i>	4.0	<i>MBF</i>					
<i>Jack Pine</i>		<i>Pulpwood</i>	42	<i>Cords</i>					
Mixed Oak			195	Cords					
<i>Bl/R/Hybrid Oak</i>			135	<i>Cords</i>					
<i>Northern Pin Oak</i>			49	<i>Cords</i>					
<i>White Oak</i>			11	<i>Cords</i>					
Red Pine			36	Cords					
White Pine			21	Cords					
4		Mixed Oak	Sawtimber	87.1	MBF	69.4	\$27,430.10		
	<i>Northern Pin Oak</i>		87.1	<i>MBF</i>					
	Red Pine		51.7	MBF					
	White Oak		13.1	MBF					
	White Pine		23.7	MBF					
	Mixed Oak	Pulpwood	389	Cords					
	<i>Northern Pin Oak</i>		368	<i>Cords</i>					
	<i>White Oak</i>		21	<i>Cords</i>					
	Red Pine		72	Cords					
	White Pine		39	Cords					
TOTAL:			333.5	MBF					
TOTAL:			1,667	Cords					

Sale Specific Conditions & Requirements

Sale Name: Moto Oak

Sale Number: 72-040-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with Yellow Paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted sale 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

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

Within Payment Unit(s) 1-4, cut all trees which meet minimum piece specifications in 2.2 Utilization, except any pine greater than 26" at DBH. Also, within Payment Unit 2, do not cut white pine.

2.1.11 - Description of timber note (2/04)

Note that Mixed Oak Sawtimber includes black/red hybrid oak and northern pine oak. Also, Mixed Oak pulpwood contains white, hybrid and pin oak.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. Within the Sale Area, if more than 50% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$250 per acre for all acreage within that specified portion of the Sale Area that was damaged. Where needed for operability, stems may be cut cleanly to make room for skid trails. Any stems that are cut (not bent or ran over) will not be counted as damage.

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 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 utilized or otherwise removed from the sale. Stumps shall be set upright,

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing double earthen berms at strategic locations. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

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

5 - Operations

5.1 - Notification

5.1.4 - Post-sale conference (10/16)

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

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

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the 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 36 inches in height.

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

Slash is to be disposed of as directed by the Sale Administrator.

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

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

Within the Sale Area, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.32 - Decking/landing restoration (9/13)

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

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

SKIP

6.4 - Unexploded ordinance (7/15)

Be aware that the sale area could contain UXO (unexploded ordinances). Do not touch, or drive over any metal objects. If any objects are found, please flag the area and notify the Unit Manager or his/her representative, so that they can make arrangements with the Military.



TIMBER SALE MAP

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

Sale Number	Year
72-040	21

Forest Management Unit	County	Mapped By	Date	Page	of
Grayling	Iosco	Kubitskey	9/30/2021	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
24N	08E	Sec. 7 NW, NWNE, S1/2NE, SW, SE	1:15,840		

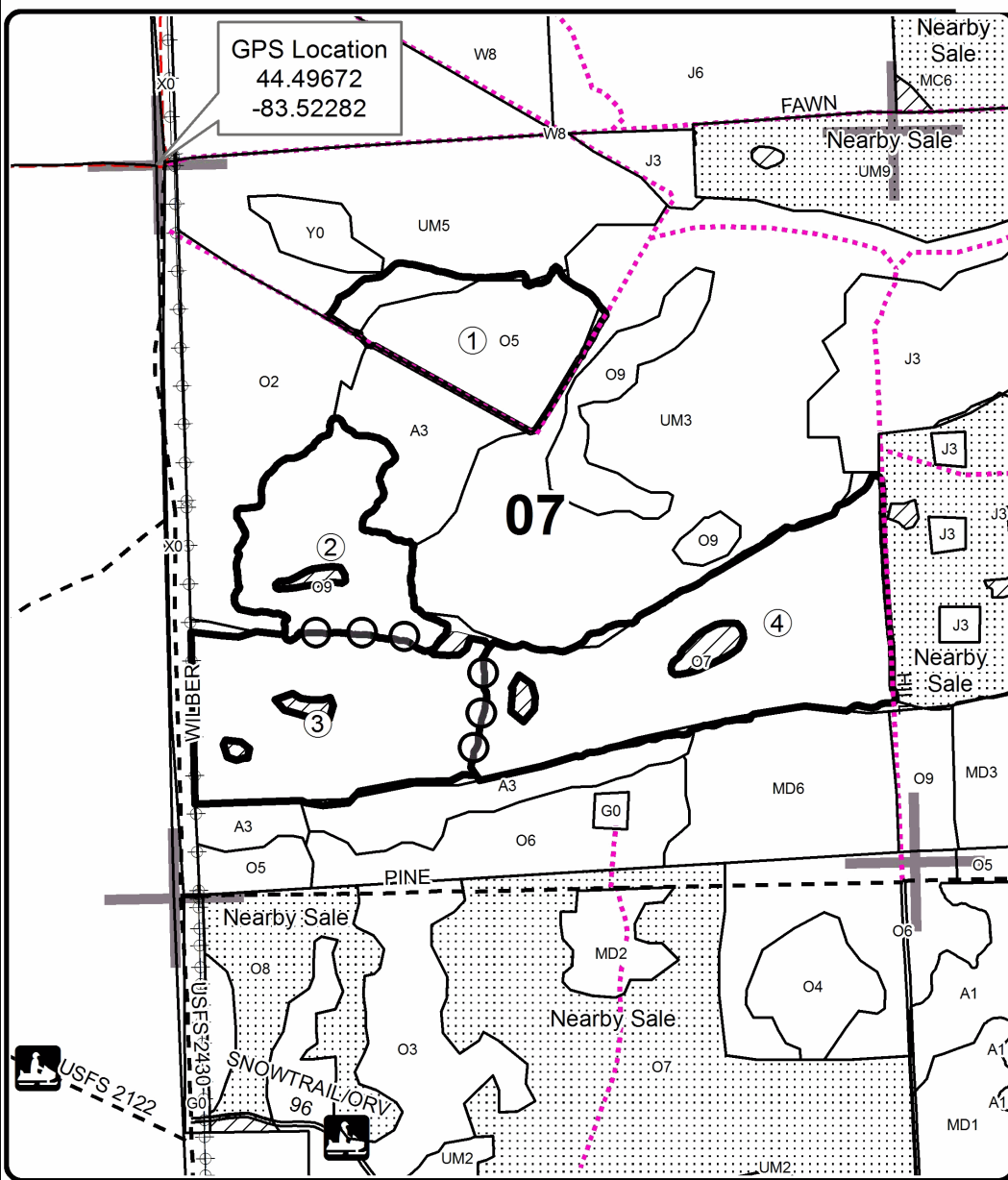
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	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	31.6	4	69.4
2	32.7		
3	51.3		

Moto Oak

Compartment 67

185 Acres

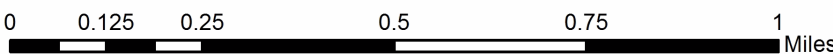
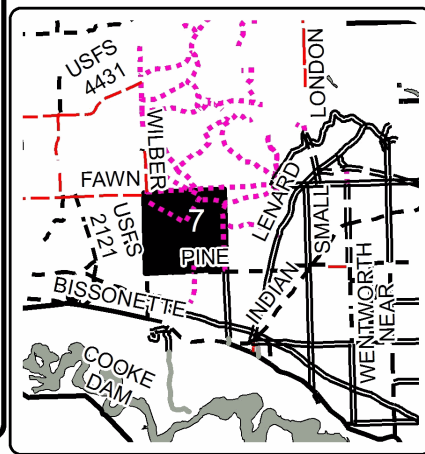


GPS Location
44.49672
-83.52282

Legend

- Against State (Red)
- Payment Unit (Yellow)
- Retention Area
- Nearby Timber Sales
- Stand Boundaries
- Secondary Forest Road
- Paved Road
- Gravel Road
- County Road - Seasonal
- Temporary Management Access
- Intermittent Stream
- Section Corners
- Powerline
- Payment Unit

Locator Map
1:150,000



TIMBER SALE INFORMATION

Road Runner Oak (72-044-21)

T24N, R08E, SEC. 5; T24N, R08E, SEC. 7; T24N, R08E, SEC. 8.
Iosco County (Advertised Price \$54,621.40)

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

- See sale spec 5.2.39 for information on ORV trail requirements.

- See sale spec 6.4 for information on unexploded ordinance.

Contractor will need to acquire a permit from the Grayling Field Office prior to starting harvesting operations .

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

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

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Northern Pin Oak	181.8 MBF	\$ 99.00 / MBF
Red Pine	11.8 MBF	\$ 84.00 / MBF
White Pine	75.1 MBF	\$ 59.00 / MBF
Pulpwood		
B. T. Aspen	53 Cords	\$ 25.10 / Cord
Northern Pin Oak	1,232 Cords	\$ 23.35 / Cord
Red Pine	17 Cords	\$ 31.80 / Cord
White Oak	5 Cords	\$ 23.35 / Cord
White Pine	21 Cords	\$ 21.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 4.73 percent. There are an estimated 1,938 cords on this timber sale, plus or minus 92 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 \$2,731.00 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	32.9%
02	19.3%
03	47.8%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
153,071	1,938	4.73%	1,846	2,029

VDU VOLUMES

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

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
12	79,800	1,010	6.88%	941	1,080
20	73,271	927	6.45%	868	987
TOTAL:	153,071	1,938		1,808	2,067

VDU TO PAYMENT UNIT

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

VDU	VDU ACRES	PU	PU ACRES
12	81.6	1	51.4
		2	30.2
20	56.2	3	56.2
TOTAL:	137.8		137.8

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Northern Pin Oak	Sawtimber	51.0	MBF	51.4	\$17,960.35
	Red Pine		7.4	MBF		
	White Pine		47.3	MBF		
	Northern Pin Oak	Pulpwood	376	Cords		
	Red Pine		11	Cords		
	White Oak		4	Cords		
	<i>White Oak</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>		
	<i>White Oak</i>	<i>Pulpwood</i>	3	<i>Cords</i>		
	White Pine		13	Cords		
2	Northern Pin Oak	Sawtimber	30.0	MBF	30.2	\$10,524.30
	Red Pine		4.4	MBF		
	White Pine		27.8	MBF		
	Northern Pin Oak	Pulpwood	221	Cords		
	Red Pine		6	Cords		
	White Oak		1	Cords		
	<i>White Oak</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>White Oak</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	White Pine		8	Cords		
3	Northern Pin Oak	Sawtimber	100.8	MBF	56.2	\$26,136.75
	B. T. Aspen	Pulpwood	53	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	8.1	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	37	<i>Cords</i>		
	Northern Pin Oak		635	Cords		
TOTAL:			268.7	MBF		
TOTAL:			1,328	Cords		

Sale Specific Conditions & Requirements

Sale Name: Road Runner Oak

Sale Number: 72-044-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. There are unpainted boundaries around the J3 stands (see Timber Sale Map). These are planted jack pine stands that are not within the Sale Area. These stands should not be entered. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-3, cut all trees which meet minimum piece specifications in 2.2 Utilization. Within Payment Unit 3, leave all white pine.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. Within the Sale Area, if more than 50% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$250 per acre for all acreage within that specified portion of the Sale Area that was damaged. In areas of higher sapling density, stems can be cut flush, not bent, or ran over to accommodate for operability. If cut cleanly, it will not count as damage.

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

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. Some existing roads may also need to be closed, see the Timber Sale Map for locations. In general, this will require constructing double earthen berms at strategic locations. Stumps and brush must be

placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

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

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.1 - Notification

5.1.4 - Post-sale conference (10/16)

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

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 36 inches in height.

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

Slash is to be disposed of as directed by the sale administrator.

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

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

Within the Sale Area, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.32 - 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 Old State House ORV Trail and Route is present within the Sale Area and is shown on the Timber Sale Map. Do not 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. Do not run equipment down the ORV trail or route.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or

skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (10/20)

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

SKIP

6.4 - Unexploded ordinance (7/15)

Be aware that the sale area could contain UXO (unexploded ordinances). Do not touch, or drive over any metal objects. If any objects are found, please flag the area and notify the Unit Manager or his/her representative, so that they can make arrangements with the Military.



TIMBER SALE MAP

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

Sale Number	Year
72-044	21

Forest Management Unit Grayling	County Iosco	Mapped By Kubitskey	Date 9/30/2021	Page 1	of 1
Township 24N	Range 08E	Section(s) and Subdivision(s) Sec. 5 SESE, Sec. 7 SENE, E1/2SE, Sec. 8 S1/2NW, NE, N1/2SW, SWSW, NWSE	Scale 1:15,840		

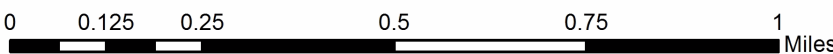
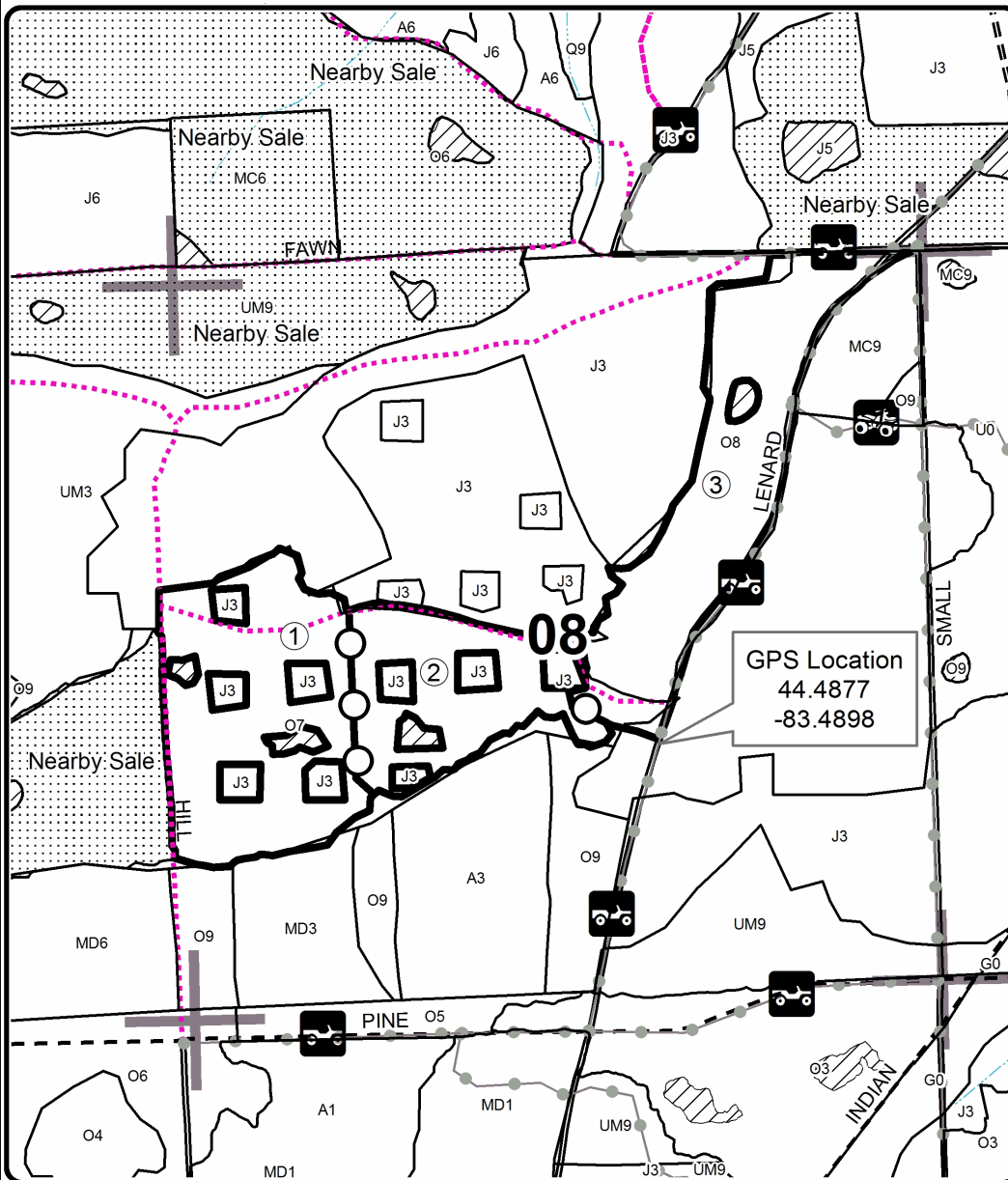
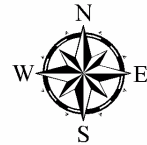
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	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	51.4
2	30.2
3	56.2



Road Runner Oak

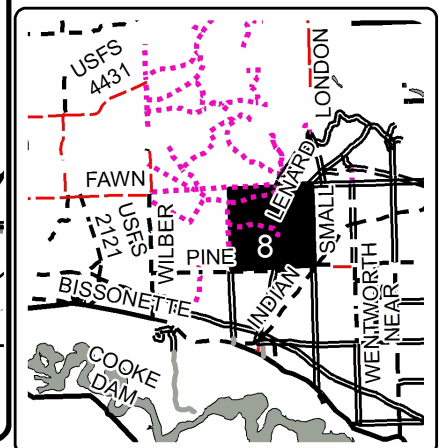
Compartment 67
137.8 Acres



Legend

- Against State (Red)
- Payment Unit (Yellow)
- ▨ Retention Area
- ▤ Nearby Timber Sales
- Stand Boundaries
- Recreational Trail
- Secondary Forest Road
- == Forest Access Route
- - Gravel Road
- ⋯ Temporary Management Access
- ⋯ Intermittent Stream
- Section Corners
- ② Payment Unit

Locator Map
1:150,000



Predator Control JP (72-006-21)
T26N, R02W, SEC. 2; Crawford COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on June 6, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Red Pine	50.0 MBF	\$ 84.00/MBF	\$ _____
Pulpwood			
Jack Pine	991 Cords	\$ 15.90/Cord	\$ _____
Northern Pin Oak	84 Cords	\$ 23.35/Cord	\$ _____
Red Pine	60 Cords	\$ 31.80/Cord	\$ _____
White Pine	17 Cords	\$ 21.25/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 5.22 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

Moto Oak (72-040-21)
T24N, R08E, SEC. 7; Iosco COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on June 6, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Mixed Oak	164.5 MBF	\$ 99.00/MBF	\$ _____
Red Pine	92.5 MBF	\$ 84.00/MBF	\$ _____
White Oak	16.3 MBF	\$ 66.00/MBF	\$ _____
White Pine	60.2 MBF	\$ 59.00/MBF	\$ _____
Pulpwood			
Jack Pine	248 Cords	\$ 15.90/Cord	\$ _____
Mixed Aspen	24 Cords	\$ 25.10/Cord	\$ _____
Mixed Oak	1,149 Cords	\$ 23.35/Cord	\$ _____
Red Pine	179 Cords	\$ 31.80/Cord	\$ _____
White Pine	67 Cords	\$ 21.25/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 4.68 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

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

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

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



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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- 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

Road Runner Oak (72-044-21)
T24N, R08E, SEC. 5; T24N, R08E, SEC. 7; T24N, R08E, SEC. 8; Iosco COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on June 6, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Northern Pin Oak	181.8 MBF	\$ 99.00/MBF	\$ _____
Red Pine	11.8 MBF	\$ 84.00/MBF	\$ _____
White Pine	75.1 MBF	\$ 59.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	53 Cords	\$ 25.10/Cord	\$ _____
Northern Pin Oak	1,232 Cords	\$ 23.35/Cord	\$ _____
Red Pine	17 Cords	\$ 31.80/Cord	\$ _____
White Oak	5 Cords	\$ 23.35/Cord	\$ _____
White Pine	21 Cords	\$ 21.25/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 4.73 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

I'm Your Huckleberry Mix (72-024-21)
T24N, R08E, SEC. 5; T24N, R08E, SEC. 6; T24N, R08E, SEC. 7; T24N, R08E,

In response to the notice of sale to be held 9:00 a.m. (local time) on June 6, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
Bl/R/Hybrid Oak	287.0 MBF	\$ 99.00/MBF	\$ _____
Jack Pine	58.4 MBF	\$ 32.00/MBF	\$ _____
Red Oak	15.4 MBF	\$ 133.00/MBF	\$ _____
Red Pine	92.0 MBF	\$ 84.00/MBF	\$ _____
White Pine	145.9 MBF	\$ 59.00/MBF	\$ _____
Pulpwood			
Balsam Fir	22 Cords	\$ 8.90/Cord	\$ _____
Jack Pine	714 Cords	\$ 15.90/Cord	\$ _____
Mixed Aspen	87 Cords	\$ 25.10/Cord	\$ _____
Mixed Oak	2,021 Cords	\$ 23.35/Cord	\$ _____
Red Maple	53 Cords	\$ 25.30/Cord	\$ _____
Red Pine	123 Cords	\$ 31.80/Cord	\$ _____
White Pine	570 Cords	\$ 21.25/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 3.35 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

Dyin Aint Much of A Livin Mix (72-025-21)
T24N, R08E, SEC. 4; T24N, R08E, SEC. 5; Iosco COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on June 6, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
BI/R/Hybrid Oak	11.6 MBF	\$ 94.00/MBF	\$ _____
Red Maple	44.5 MBF	\$ 45.00/MBF	\$ _____
Red Oak	1.6 MBF	\$ 126.00/MBF	\$ _____
Red Pine	44.2 MBF	\$ 80.00/MBF	\$ _____
White Oak	9.6 MBF	\$ 62.00/MBF	\$ _____
White Pine	14.4 MBF	\$ 55.00/MBF	\$ _____
Pulpwood			
Balsam Fir	33 Cords	\$ 8.40/Cord	\$ _____
BI/R/Hybrid Oak	504 Cords	\$ 22.10/Cord	\$ _____
Black Cherry	15 Cords	\$ 23.95/Cord	\$ _____
Jack Pine	1,022 Cords	\$ 15.05/Cord	\$ _____
Mixed Aspen	145 Cords	\$ 23.75/Cord	\$ _____
Red Maple	166 Cords	\$ 23.95/Cord	\$ _____
Red Oak	9 Cords	\$ 22.10/Cord	\$ _____
Red Pine	35 Cords	\$ 30.05/Cord	\$ _____
Tamarack	2 Cords	\$ 5.55/Cord	\$ _____
White Oak	37 Cords	\$ 22.10/Cord	\$ _____
White Pine	61 Cords	\$ 20.05/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 4.62 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

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

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

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



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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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_____ Full-time Employees

_____ Part-time Employees

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

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Signature of Owner or Authorized Representative

Title

Date

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