



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7619**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on May 14, 2025.

LOCATION: **BALDWIN OFFICE, 2468 W 24TH STREET, BALDWIN, MI 49304.**

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

X-ray Oak (63-019-24) / T24N, R07W, SEC. 3 , NW,SWNE,E1/2SW,W1/2SE.

T24N, R07W, SEC. 4 , NESW,S1/2SW,W1/2SE.

Missaukee County, Advertised Price \$105,521.20, 137.7 Acres, Hardwood, Aspen.

SALE NOTE: 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.

Snorwich Mix (63-030-24) / T24N, R05W, SEC. 11, NESE.

T24N, R05W, SEC. 12, NENE,S1/2NE,SW,N1/2SE,SESE.

T24N, R05W, SEC. 13, S1/2NE,NESE.

Missaukee County, Advertised Price \$202,160.55, 173.9 Acres, Hardwood, Aspen.

Abundant Mix (63-031-24) / T24N, R05W, SEC. 1 , NESW,S1/2SW,W1/2SE.

T24N, R05W, SEC. 12, NW,SWNE,N1/2SW.

Missaukee County, Advertised Price \$166,809.50, 193.2 Acres, Hardwood, Jack Pine.

BID INSTRUCTIONS (VER. 10/10/2022):

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

Bids must be received by the Unit Manager, BALDWIN OFFICE, 2468 W 24th Street, Baldwin, MI 49304, no later than 3:00 p.m. (local time) on May 14, 2025. For further information concerning this sale, contact David Fisher at 231-745-4651 extension 9064.

2. Bidder's Qualifications (10/22)

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. A person must be 18 years of age or older to purchase timber. Permanent employees of the Department of Natural Resources or members of their immediate household may not bid. Former employees, in the permanent or seasonal class, may not bid until 3 months after the last day of active duty. 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. Worker's Compensation (10/22)

Purchaser shall obtain worker's 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. Verification of Worker's Disability Compensation Act Compliance must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if applicable, Notice of Exclusion or Certificate of Insurance must also be submitted.

10. Timber Sale Contract (10/22)

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 ($\$1,500/\$10,000 * 100$).

11. Disclaimer of Estimates and Bidder's Warranty of Inspection (10/22)

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.

12. Certification and Chain-of-Custody (10/22)

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.

13. Good Neighbor Authority (GNA) Requirements (10/22)

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).

14. Good Neighbor Authority (GNA) Requirements, con't (10/22)

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.

Scott Bowen
Director

TIMBER SALE INFORMATION

X-ray Oak (63-019-24)

T24N, R07W, SEC. 3; T24N, R07W, SEC. 4.
Missaukee County (Advertised Price \$105,521.20)

SALE NOTE: 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		
B. T. Aspen	96.6 MBF	\$ 76.00 / MBF
Mixed Oak	582.7 MBF	\$ 96.00 / MBF
Red Maple	38.1 MBF	\$ 75.00 / MBF
Pulpwood		
B. T. Aspen	156 Cords	\$ 19.60 / Cord
Mixed Hardwood	376 Cords	\$ 14.60 / Cord
Mixed Oak	969 Cords	\$ 31.00 / Cord
Red Pine	6 Cords	\$ 38.10 / Cord
White Pine	26 Cords	\$ 21.85 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.07 percent. There are an estimated 3,218 cords on this timber sale, plus or minus 389 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 \$10,552.00 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	34.0%
02	12.8%
03	34.3%
04	18.9%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

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
254,220	3,218	12.07%	2,829	3,607

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
42	38,158	483	27.36%	351	615
58	36,255	459	24.68%	346	572
65	134,920	1,708	18.72%	1,388	2,028
87	44,888	568	26.28%	419	718
TOTAL:	254,220	3,218		2,504	3,932

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
42	14.3	1	14.3
58	30.2	2	30.2
65	75.2	3	48.4
65	75.2	4	26.8
87	18.0	1	18.0
TOTAL:	212.9		137.7

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	4.8	MBF	32.3	\$35,874.20
	Mixed Oak		262.8	MBF		
	<i>/Red (Hybrid) Oak</i>		262.8	MBF		
	Red Maple		3.5	MBF		
	B. T. Aspen	Pulpwood	16	Cords		
	Mixed Hardwood		143	Cords		
	<i>Sugar Maple</i>	<i>Sawtimber</i>	6.6	MBF		
	<i>Beech</i>	<i>Pulpwood</i>	4	Cords		
	<i>Ironwood</i>		3	Cords		
	<i>Red Maple</i>		77	Cords		
	<i>Sugar Maple</i>		46	Cords		
	Mixed Oak		220	Cords		
	<i>/Red (Hybrid) Oak</i>		220	Cords		
	Red Pine		6	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	1.5	MBF		
	<i>Red Pine</i>	<i>Pulpwood</i>	3	Cords		
	White Pine		26	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	4.1	MBF		
<i>White Pine</i>	<i>Pulpwood</i>	18	Cords			
2	B. T. Aspen	Sawtimber	4.0	MBF	30.2	\$13,552.80
	Mixed Oak		6.0	MBF		
	<i>Red Oak</i>		6.0	MBF		
	B. T. Aspen	Pulpwood	38	Cords		
	Mixed Hardwood		25	Cords		
	<i>Red Maple</i>		25	Cords		
	Mixed Oak		373	Cords		
	<i>Red Oak</i>		373	Cords		
3	B. T. Aspen	Sawtimber	56.5	MBF	48.4	\$36,120.10
	Mixed Oak		202.1	MBF		
	<i>/Red (Hybrid) Oak</i>		115.5	MBF		
	<i>Red Oak</i>		86.6	MBF		
	Red Maple		22.3	MBF		
	B. T. Aspen	Pulpwood	66	Cords		
	Mixed Hardwood		134	Cords		
	<i>Red Maple</i>		134	Cords		
	Mixed Oak		242	Cords		
	<i>/Red (Hybrid) Oak</i>		106	Cords		
	<i>Red Oak</i>		136	Cords		
4	B. T. Aspen	Sawtimber	31.3	MBF	26.8	\$19,974.10
	Mixed Oak		111.8	MBF		
	<i>/Red (Hybrid) Oak</i>		63.9	MBF		
	<i>Red Oak</i>		47.9	MBF		
	Red Maple		12.3	MBF		
	B. T. Aspen	Pulpwood	36	Cords		
	Mixed Hardwood		74	Cords		
	<i>Red Maple</i>		74	Cords		
	Mixed Oak		134	Cords		
	<i>/Red (Hybrid) Oak</i>		59	Cords		
	<i>Red Oak</i>		75	Cords		
TOTAL:			717.4	MBF		
TOTAL:			1,533	Cords		

Sale Specific Conditions & Requirements

Sale Name: X-ray Oak

Sale Number: 63-019-24 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted Boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. 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) 2-4, cut all oak and other deciduous trees that are two (2) inches or more at DBH. Do not cut any red or white pine, except those needed for operational considerations. This is to be discussed with Sale Administrator prior to cutting any pine.

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

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) 2-4 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.

4 - Transportation

4.1 - Construction

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

5.2.1 - Slash

5.2.1.8 - Slash Height (12/08)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den Trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.5 - Oak Wilt Restriction (1/18)

Within Payment Units 1-4, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high-risk period. Those steps may include completing all road brushing before April 15 and clearing a tree-length buffer along uncut oak cover before April 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.32 - Decking/Landing Restoration (9/13)

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

5.2.38 - No Decking Against Live Trees (2/04)

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

5.2.39 - ORV Trail/Route Protection (4/18)

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

5.2.41 - Snowmobile Trail Protection (9/11)

There is a snowmobile trail within the Sale Area and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or his/her representative.

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 onsite evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road Posting (10/20)

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

6.2.2 - Snowmobile Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.3 - Recreational Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on ORV Trails and Routes within and associated with Timber Sale 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.

7 - Other Conditions

7.3 - Contract Modifications

7.3.2 - Modification for Oak Wilt (2/05)

Within the Sale Area, there may be patches of oak wilt. If oak wilt is identified within the Sale Area, this contract may be modified. The following modifications could occur: time of cutting, species to cut, volume to harvest, or various others dealing with the treatment of oak wilt. If a species is not specified in this contract, it shall be paid for at the average price received for that species and product.



TIMBER SALE MAP

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

Sale Number

63-019-24

Date

09/18/2024

Forest Management Unit

Cadillac

County

Missaukee

Mapped By: Krugh

Cruised By: Edison/Taylor

Scale

1:20,000

Page

1

Of

1

Township
24N

Range
7W

Section(s) and
Subdivision(s) 3 NW,SWNE,E1/2SW,W1/2SE 4 NESW,S1/2SW,W1/2SE

Cover Type

A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous	Z = Water	
H = Hemlock	N = Marsh		

Density

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU # Acres

1	32.2
2	30.2
3	48.4
4	26.9

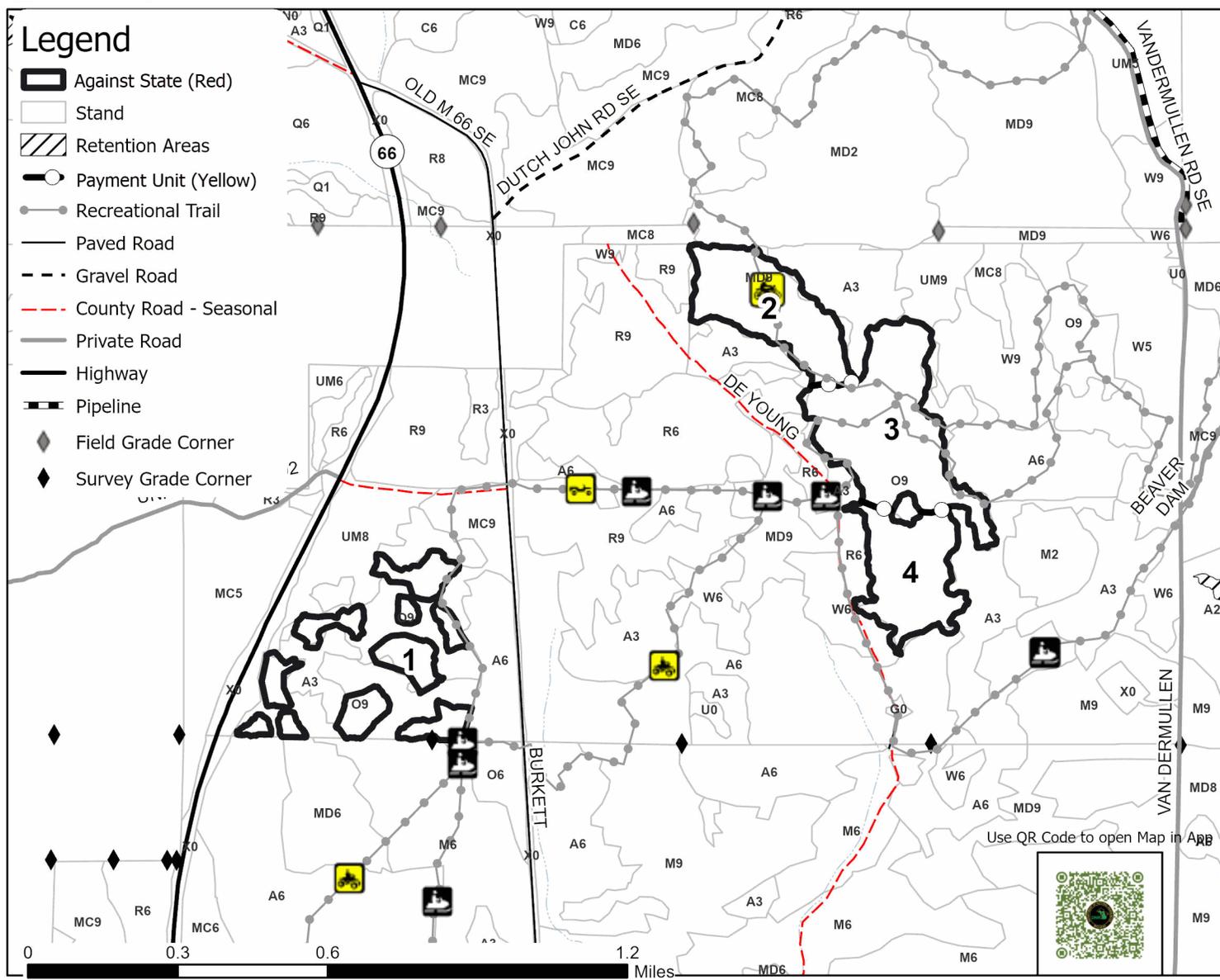
X-ray Oak

Acres 137.7



Legend

- Against State (Red)
- Stand
- Retention Areas
- Payment Unit (Yellow)
- Recreational Trail
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private Road
- Highway
- Pipeline
- Field Grade Corner
- Survey Grade Corner



TIMBER SALE INFORMATION

Snowich Mix (63-030-24)

T24N, R05W, SEC. 11; T24N, R05W, SEC. 12; T24N, R05W, SEC. 13.
Missaukee County (Advertised Price \$202,160.55)

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		
Black/Red (Hybrid) Oak	980.1 MBF	\$ 111.00 / MBF
Quaking Aspen	195.1 MBF	\$ 88.00 / MBF
Red Maple	8.2 MBF	\$ 87.00 / MBF
Pulpwood		
Balsam Fir	28 Cords	\$ 32.15 / Cord
Basswood	47 Cords	\$ 12.20 / Cord
Black Cherry	12 Cords	\$ 16.85 / Cord
Black/Red (Hybrid) Oak	1,220 Cords	\$ 35.80 / Cord
Paper Birch	14 Cords	\$ 13.80 / Cord
Quaking Aspen	1,051 Cords	\$ 22.60 / Cord
Red Maple	341 Cords	\$ 16.85 / Cord
Red Pine	2 Cords	\$ 43.95 / Cord
White Ash	2 Cords	\$ 16.85 / Cord
White Oak	9 Cords	\$ 35.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 11.12 percent. There are an estimated 5,501 cords on this timber sale, plus or minus 612 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- A bond in the amount of \$20,216.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- Cutting in any sale or unit without the required advance payment would be considered a trespass.
- Total payment must be paid in advance or according to the following schedule :
 - Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - The 10% down payment will be credited towards the first unit cut.
 - Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	24.3%
02	19.3%
03	26.7%
04	29.7%
- If no cutting takes place, the 10% down payment will not be refunded.
- Operations on the contract issued will terminate on 06/30/2028.

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME		PERCENT ERROR	STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
434,552	5,501	11.12%	4,889	6,113

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
34	125,630	1,590	22.42%	1,234	1,947
54	23,130	293	48.50%	151	435
58	285,791	3,618	13.41%	3,133	4,103
TOTAL:	434,552	5,501		4,517	6,484

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
34	30.2	1	30.2
54	12.7	1	12.7
58	131.0	2	33.4
58	131.0	3	46.2
58	131.0	4	51.4
TOTAL:	435.9		173.9

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black/Red (Hybrid)	Sawtimber	10.6	MBF	42.9	\$49,225.50
	Quaking Aspen		193.5	MBF		
	Red Maple		8.2	MBF		
	Balsam Fir	Pulpwood	28	Cords		
	Basswood		47	Cords		
	<i>Basswood</i>	<i>Sawtimber</i>	3.5	<i>MBF</i>		
	<i>Basswood</i>	<i>Pulpwood</i>	40	<i>Cords</i>		
	Black Cherry		12	Cords		
	Black/Red (Hybrid)		35	Cords		
	Paper Birch		14	Cords		
	Quaking Aspen		1,044	Cords		
	Red Maple		192	Cords		
	White Ash		2	Cords		
	White Oak		9	Cords		
	<i>White Oak</i>	<i>Sawtimber</i>	2.7	<i>MBF</i>		
<i>White Oak</i>	<i>Pulpwood</i>	4	<i>Cords</i>			
2	Black/Red (Hybrid)	Sawtimber	247.2	MBF	33.4	\$39,015.45
	Quaking Aspen		0.4	MBF		
	Black/Red (Hybrid)	Pulpwood	302	Cords		
	Quaking Aspen		2	Cords		
	Red Maple		38	Cords		
	Red Pine		1	Cords		
3	Black/Red (Hybrid)	Sawtimber	341.9	MBF	46.2	\$53,950.30
	Quaking Aspen		0.6	MBF		
	Black/Red (Hybrid)	Pulpwood	418	Cords		
	Quaking Aspen		2	Cords		
	Red Maple		53	Cords		
	Red Pine		1	Cords		
4	Black/Red (Hybrid)	Sawtimber	380.4	MBF	51.4	\$59,969.30
	Quaking Aspen		0.6	MBF		
	Black/Red (Hybrid)	Pulpwood	465	Cords		
	Quaking Aspen		3	Cords		
	Red Maple		58	Cords		
TOTAL:			1,183.4	MBF		
TOTAL:			2,726	Cords		

Sale Specific Conditions & Requirements

Sale Name: Snorwich Mix

Sale Number: 63-030-24 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. 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, cut all trees that are two (2) inches or more at DBH, except do not cut any white pine that are 22 inches or more at DBH.

2.1.2 - Clearcut Unit(s) w/o Unmerchantable Trees (8/11)

Within Payment Unit(s) 2-4, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any white oak or any 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.

4 - Transportation

4.1 - Construction

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

5.1 - Notification

5.1.3 - Well Heads and Natural Gas Pipelines (11/15)

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

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash Height (12/08)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den Trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.5 - Oak Wilt Restriction (1/18)

Within Payment Units 1-4, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high-risk period. Those steps may include completing all road brushing before April 15 and clearing a tree-length buffer along uncut oak cover before April 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.32 - Decking/Landing Restoration (9/13)

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

5.2.38 - No Decking Against Live Trees (2/04)

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

5.4 - Soil Protection

5.4.1 - Rutting Restriction, General (7/16)

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

5.8 - Protection of Endangered Species

5.8.5 - Protection of Raptor Nests (3/13)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road Posting (10/20)

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



TIMBER SALE MAP

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

Sale Number 63-030-24	Date 09/30/2024	
Scale 1:15,840	Page 1	Of 1

Forest Management Unit Cadillac	County Missaukee	Mapped By: Krugh
		Cruised By: Contractor

Township 24N	Range 05W	Section(s) and Subdivision(s) 11 NESE, 12 NENE, S1/2NE, SW, N1/2SE, SESE, 13 S1/2NE, NESE
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Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous	Z = Water	
H = Hemlock	N = Marsh		

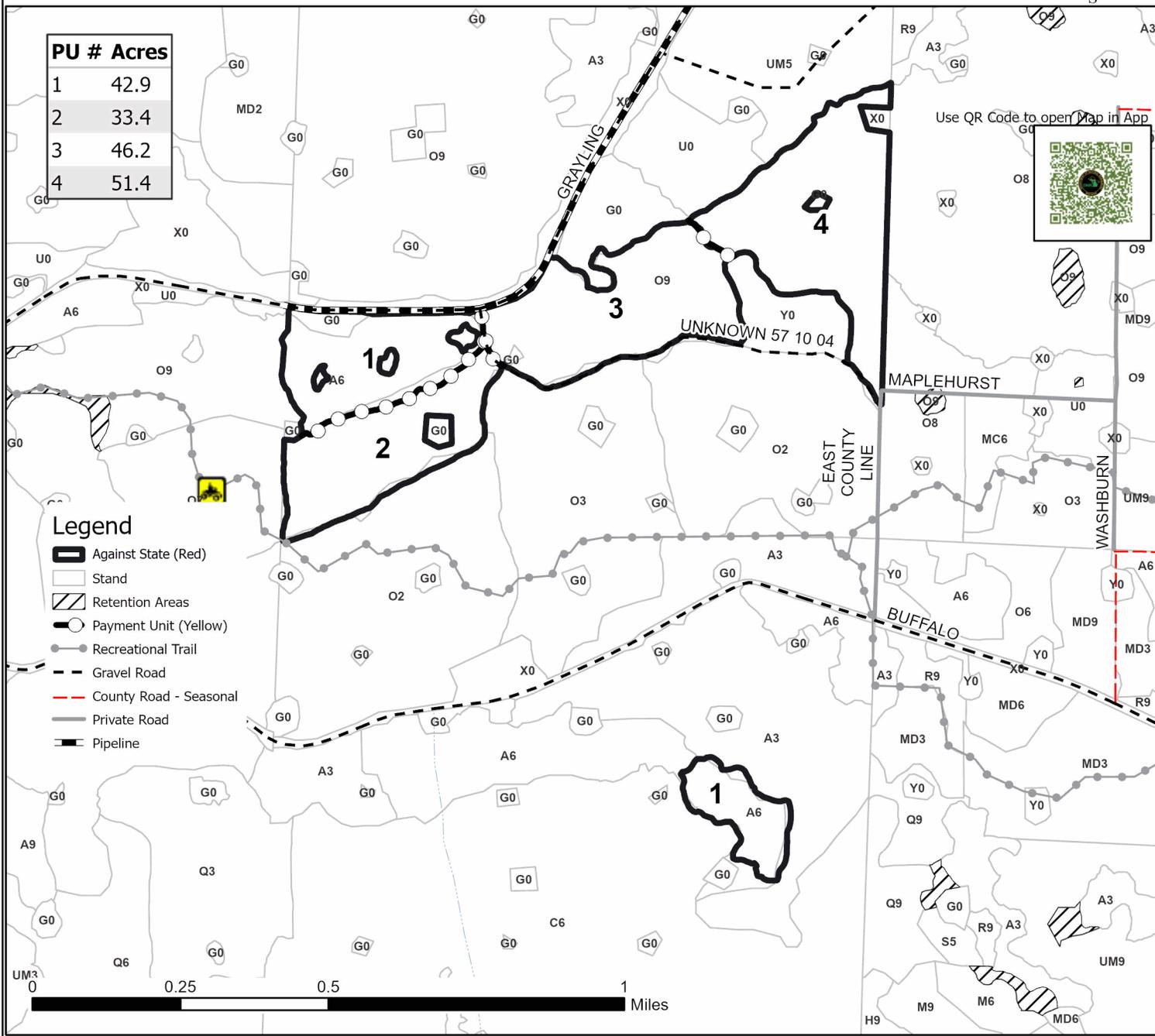
Density	
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

Snorwich Mix

Acres 173.9

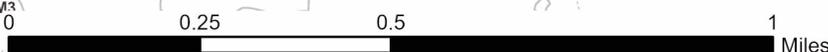


PU #	Acres
1	42.9
2	33.4
3	46.2
4	51.4



Legend

- Against State (Red)
- Stand
- Retention Areas
- Payment Unit (Yellow)
- Recreational Trail
- Gravel Road
- County Road - Seasonal
- Private Road
- Pipeline



TIMBER SALE INFORMATION

Abundant Mix (63-031-24)
T24N, R05W, SEC. 1; T24N, R05W, SEC. 12.
Missaukee County (Advertised Price \$166,809.50)

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		
Black/Red (Hybrid) Oak	990.3 MBF	\$ 111.00 / MBF
Red Maple	14.1 MBF	\$ 87.00 / MBF
Pulpwood		
Black Cherry	55 Cords	\$ 16.85 / Cord
Black/Red (Hybrid) Oak	1,364 Cords	\$ 35.80 / Cord
Jack Pine	76 Cords	\$ 15.40 / Cord
Mixed Aspen	36 Cords	\$ 22.60 / Cord
Red Maple	207 Cords	\$ 16.85 / Cord
White Oak	12 Cords	\$ 35.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 14.59 percent. There are an estimated 4,107 cords on this timber sale, plus or minus 599 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 \$16,681.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	1.9%
02	21.6%
03	30.6%
04	31.3%
05	14.6%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

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
324,477	4,107	14.59%	3,508	4,707

VDU VOLUMES

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

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
18	11,331	143	49.40%	73	214
26	313,146	3,964	15.05%	3,367	4,560
TOTAL:	324,477	4,107		3,440	4,775

VDU TO PAYMENT UNIT

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

VDU	VDU ACRES	PU	PU ACRES
18	16.6	1	16.6
26	176.6	2	38.9
26	176.6	3	55.0
26	176.6	4	56.5
26	176.6	5	26.2
TOTAL:	723.0		193.2

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black/Red (Hybrid	Sawtimber	5.1	MBF	16.6	\$3,120.95
	Red Maple		4.1	MBF		
	Black Cherry	Pulpwood	16	Cords		
	<i>Black Cherry</i>	<i>Sawtimber</i>	0.7	<i>MBF</i>		
	<i>Black Cherry</i>	<i>Pulpwood</i>	15	<i>Cords</i>		
	Black/Red (Hybrid		4	Cords		
	Jack Pine		76	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	4.4	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	67	<i>Cords</i>		
	Red Maple		11	Cords		
	White Oak		12	Cords		
	<i>White Oak</i>	<i>Sawtimber</i>	2.4	<i>MBF</i>		
	<i>White Oak</i>	<i>Pulpwood</i>	7	<i>Cords</i>		
	2	Black/Red (Hybrid	Sawtimber	217.0		
Red Maple			2.2	MBF		
Black Cherry		Pulpwood	8	Cords		
<i>Black Cherry</i>		<i>Sawtimber</i>	0.2	<i>MBF</i>		
<i>Black Cherry</i>		<i>Pulpwood</i>	8	<i>Cords</i>		
Black/Red (Hybrid			300	Cords		
Mixed Aspen			8	Cords		
<i>Quaking Aspen</i>		<i>Sawtimber</i>	0.6	<i>MBF</i>		
<i>Quaking Aspen</i>		<i>Pulpwood</i>	7	<i>Cords</i>		
Red Maple			43	Cords		
3		Black/Red (Hybrid	Sawtimber	306.8	MBF	55.0
	Red Maple		3.1	MBF		
	Black Cherry	Pulpwood	13	Cords		
	<i>Black Cherry</i>	<i>Sawtimber</i>	0.3	<i>MBF</i>		
	<i>Black Cherry</i>	<i>Pulpwood</i>	12	<i>Cords</i>		
	Black/Red (Hybrid		424	Cords		
	Mixed Aspen		11	Cords		
	<i>Quaking Aspen</i>	<i>Sawtimber</i>	0.9	<i>MBF</i>		
	<i>Quaking Aspen</i>	<i>Pulpwood</i>	9	<i>Cords</i>		
	Red Maple		61	Cords		
4	Black/Red (Hybrid	Sawtimber	315.2	MBF	56.5	\$52,354.60
	Red Maple		3.2	MBF		
	Black Cherry	Pulpwood	13	Cords		
	<i>Black Cherry</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>		
	<i>Black Cherry</i>	<i>Pulpwood</i>	12	<i>Cords</i>		
	Black/Red (Hybrid		434	Cords		
	Mixed Aspen		12	Cords		
	<i>Quaking Aspen</i>	<i>Sawtimber</i>	1.0	<i>MBF</i>		
	<i>Quaking Aspen</i>	<i>Pulpwood</i>	10	<i>Cords</i>		
	Red Maple		63	Cords		
5	Black/Red (Hybrid	Sawtimber	146.2	MBF	26.2	\$24,276.20
	Red Maple		1.5	MBF		
	Black Cherry	Pulpwood	5	Cords		
	<i>Black Cherry</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>Black Cherry</i>	<i>Pulpwood</i>	5	<i>Cords</i>		
	Black/Red (Hybrid		202	Cords		
	Mixed Aspen		5	Cords		
	<i>Quaking Aspen</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>		
	<i>Quaking Aspen</i>	<i>Pulpwood</i>	4	<i>Cords</i>		
	Red Maple		29	Cords		
TOTAL:			1,004.4	MBF		

TOTAL:	1,750 Cords
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Sale Specific Conditions & Requirements

Sale Name: Abundant Mix

Sale Number: 63-031-24 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted Boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected. 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) 2-5, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any white oak or any white pine.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 1, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except do not cut trees marked with green paint above and below stump height.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing Payment Units (7/14)

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

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with green paint in Payment Unit 1 and white oak or white pine in Payment Units 2-5. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$500 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

4 - Transportation

4.1 - Construction

4.1.12 - 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

5.1 - Notification

5.1.3 - Well Heads and Natural Gas Pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company 30 days prior to operating equipment in the vicinity of well heads or natural gas pipelines.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash Height (12/08)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den Trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.5 - Oak Wilt Restriction (1/18)

Within Payment Units 1-5, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high-risk period. Those steps may include completing all road brushing before April 15 and clearing a tree-length buffer along uncut oak cover before April 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.32 - Decking/Landing Restoration (9/13)

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

5.2.33 - Gas Well Revegetation (12/08)

In the event that the gas well is utilized for a landing, the site must be revegetated with a seeding mixture specified by the Unit Manager or his/her representative.

5.2.38 - No Decking Against Live Trees (2/04)

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

5.4 - Soil Protection

5.4.1 - Rutting Restriction, General (7/16)

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

5.8 - 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 onsite evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road Posting (10/20)

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



TIMBER SALE MAP

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

Sale Number

63-031-24

Date

09/27/2024

Forest Management Unit

Cadillac

County

Missaukee

Mapped By: Krugh

Cruised By: Contractor

Scale

1:10,000

Page

1

Of

1

Township
24N

Range
05W

Section(s) and
Subdivision(s) 1 NESW,S1/2SW,W1/2SE 12 NW,SWNE,N1/2SW

Cover Type

A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous	Z = Water	
H = Hemlock	N = Marsh		

Density

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

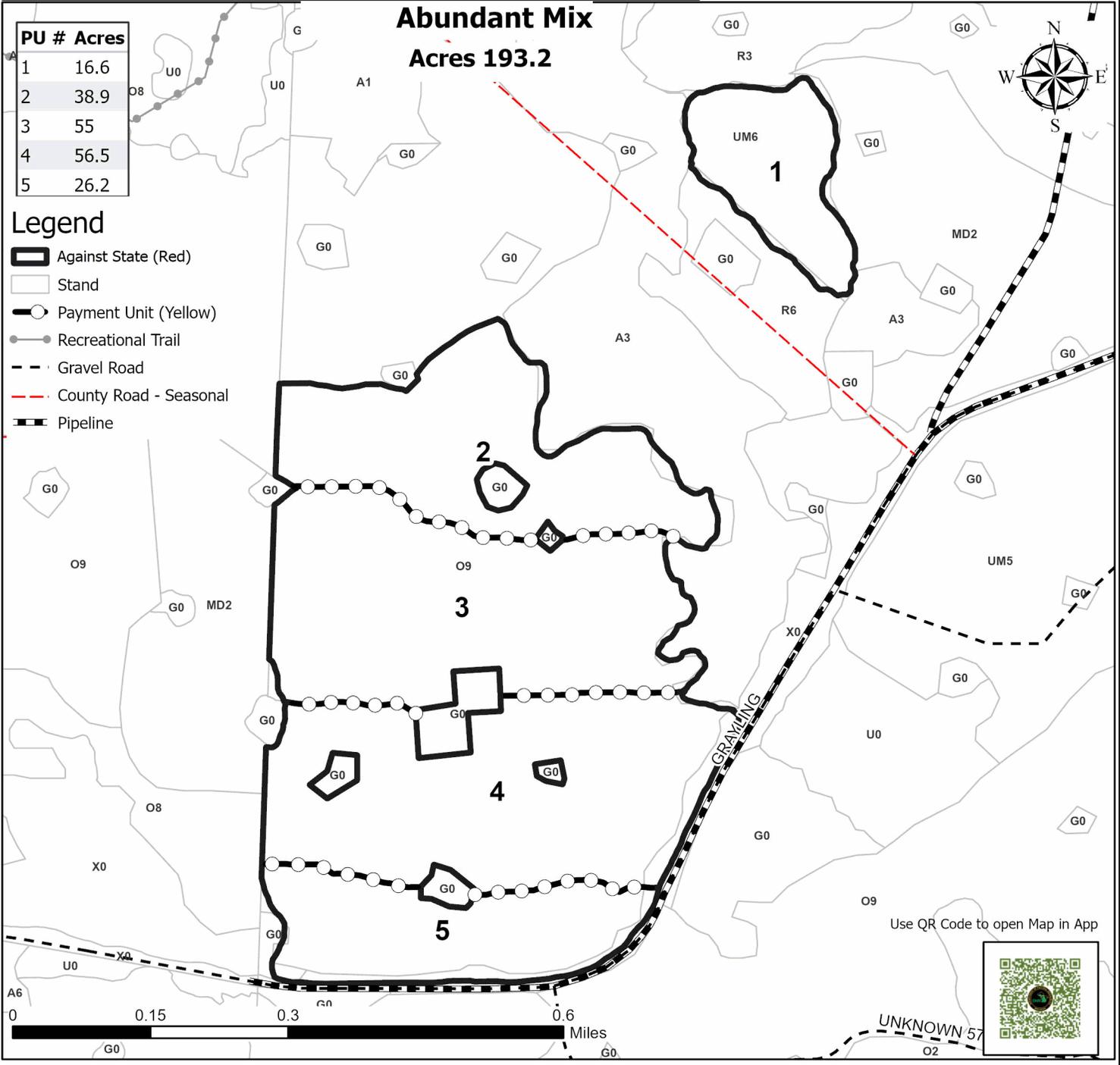
PU # Acres

1	16.6
2	38.9
3	55
4	56.5
5	26.2

Abundant Mix Acres 193.2

Legend

- Against State (Red)
- Stand
- Payment Unit (Yellow)
- Recreational Trail
- Gravel Road
- County Road - Seasonal
- Pipeline



X-ray Oak (63-019-24)
T24N, R07W, SEC. 3; T24N, R07W, SEC. 4; Missaukee COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on May 14, 2025, 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			
B. T. Aspen	96.6 MBF	\$ 76.00/MBF	\$ _____
Mixed Oak	582.7 MBF	\$ 96.00/MBF	\$ _____
Red Maple	38.1 MBF	\$ 75.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	156 Cords	\$ 19.60/Cord	\$ _____
Mixed Hardwood	376 Cords	\$ 14.60/Cord	\$ _____
Mixed Oak	969 Cords	\$ 31.00/Cord	\$ _____
Red Pine	6 Cords	\$ 38.10/Cord	\$ _____
White Pine	26 Cords	\$ 21.85/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 12.07 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

Abundant Mix (63-031-24)
T24N, R05W, SEC. 1; T24N, R05W, SEC. 12; Missaukee COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on May 14, 2025, 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			
Black/Red (Hybrid) Oak	990.3 MBF	\$ 111.00/MBF	\$ _____
Red Maple	14.1 MBF	\$ 87.00/MBF	\$ _____
Pulpwood			
Black Cherry	55 Cords	\$ 16.85/Cord	\$ _____
Black/Red (Hybrid) Oak	1,364 Cords	\$ 35.80/Cord	\$ _____
Jack Pine	76 Cords	\$ 15.40/Cord	\$ _____
Mixed Aspen	36 Cords	\$ 22.60/Cord	\$ _____
Red Maple	207 Cords	\$ 16.85/Cord	\$ _____
White Oak	12 Cords	\$ 35.80/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 14.59 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

Snorwich Mix (63-030-24)

T24N, R05W, SEC. 11; T24N, R05W, SEC. 12; T24N, R05W, SEC. 13; Missaukee

In response to the notice of sale to be held 3:00 p.m. (local time) on May 14, 2025, 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			
Black/Red (Hybrid) Oak	980.1 MBF	\$ 111.00/MBF	\$ _____
Quaking Aspen	195.1 MBF	\$ 88.00/MBF	\$ _____
Red Maple	8.2 MBF	\$ 87.00/MBF	\$ _____
Pulpwood			
Balsam Fir	28 Cords	\$ 32.15/Cord	\$ _____
Basswood	47 Cords	\$ 12.20/Cord	\$ _____
Black Cherry	12 Cords	\$ 16.85/Cord	\$ _____
Black/Red (Hybrid) Oak	1,220 Cords	\$ 35.80/Cord	\$ _____
Paper Birch	14 Cords	\$ 13.80/Cord	\$ _____
Quaking Aspen	1,051 Cords	\$ 22.60/Cord	\$ _____
Red Maple	341 Cords	\$ 16.85/Cord	\$ _____
Red Pine	2 Cords	\$ 43.95/Cord	\$ _____
White Ash	2 Cords	\$ 16.85/Cord	\$ _____
White Oak	9 Cords	\$ 35.80/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 11.12 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