



**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.**

CONTACT NAME: David Fisher

PHONE NUMBER: (231) 745-4651

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:

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, Aspen, Hardwood.

TIMBER SALE INFORMATION

Snorwich 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:

1. A bond in the amount of \$20,216.06 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 | 24.3% |
| 02 | 19.3% |
| 03 | 26.7% |
| 04 | 29.7% |
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 |
| 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 PU (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 | | |
| 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 |
| | 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 |
|------------------------|---------------------|---|

| 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 |

Snowrich Mix
Acres 173.9

