



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7500**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on December 19, 2024.

LOCATION: PIGEON RIVER COUNTRY MGMT UNIT, PO BOX 456, 9966 TWIN LAKES ROAD, VANDERBILT, MI

CONTACT NAME: Mark Monroe

PHONE NUMBER: (989) 983-4101

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, PIGEON RIVER COUNTRY MANAGEMENT UNIT, for certain timber on the following described lands:

Messy Mix (53-019-24) / T33N, R01E, SEC. 21, S1/2NE, SE.
T33N, R01E, SEC. 22, NWSW.

Cheboygan County, Advertised Price \$14,860.15, 45.9 Acres, Aspen, Jack Pine.

TIMBER SALE INFORMATION

Messy Mix (53-019-24)

T33N, R01E, SEC. 21; T33N, R01E, SEC. 22.

Cheboygan County (Advertised Price \$14,860.15)

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> |
|-------------------------------|-------------------------|-------------------------|
| Pulpwood | | |
| Balsam Fir | 98 Cords | \$ 22.55 / Cord |
| Jack Pine | 163 Cords | \$ 12.10 / Cord |
| Mixed Aspen | 444 Cords | \$ 18.70 / Cord |
| Mixed Hardwood | 115 Cords | \$ 12.15 / Cord |
| White Pine | 43 Cords | \$ 19.95 / Cord |
| White Spruce | 7 Cords | \$ 17.15 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 23.46 percent. There are an estimated 870 cords on this timber sale, plus or minus 204 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 \$1,486.02 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 | 79.1% |
| 02 | 20.9% |
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 |
| 68,767 | 870 | 23.46% | 666 | 1,075 |

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 |
| 77 | 50,669 | 641 | 29.34% | 453 | 830 |
| 87 | 18,098 | 229 | 37.18% | 144 | 314 |
| TOTAL: | 68,767 | 870 | | 597 | 1,144 |

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 |
|---------------|-------------|----|-------------|
| 77 | 23.9 | 1 | 23.9 |
| 87 | 22.0 | 2 | 22.0 |
| TOTAL: | 45.9 | | 45.9 |

DESCRIPTION OF TIMBER BY PU (PU)

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE | |
|----------------------|----------------------|------------------|------------|----------|-------|-----------------|----|
| 1 | Balsam Fir | Pulpwood | 88 | Cords | 23.9 | \$11,754.35 | |
| | Jack Pine | | 4 | Cords | | | |
| | Mixed Aspen | | 411 | Cords | | | |
| | <i>Quaking Aspen</i> | | 411 | Cords | | | |
| | Mixed Hardwood | | 92 | Cords | | | |
| | <i>Red Maple</i> | | 92 | Cords | | | |
| | White Pine | | 40 | Cords | | | |
| | White Spruce | | 7 | Cords | | | |
| | 2 | | Balsam Fir | Pulpwood | | | 10 |
| Jack Pine | | 159 | Cords | | | | |
| Mixed Aspen | | 33 | Cords | | | | |
| <i>B. T. Aspen</i> | | <i>Sawtimber</i> | 4.0 | | MBF | | |
| <i>B. T. Aspen</i> | | <i>Pulpwood</i> | 19 | | Cords | | |
| <i>Quaking Aspen</i> | | | 6 | | Cords | | |
| Mixed Hardwood | | | 23 | | Cords | | |
| <i>Black Cherry</i> | | | 2 | | Cords | | |
| <i>Red Maple</i> | | | 21 | | Cords | | |
| White Pine | | | 3 | | Cords | | |
| TOTAL: | | | 870 | | Cords | | |

Sale Specific Conditions & Requirements

Sale Name: Messy Mix

Sale Number: 53-019-24 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 orange paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with orange paint. The painted boundary line trees are not Included Timber and are to be protected. Orange painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more at DBH, except do not cut those marked with green paint or any oak.

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

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Unit 2 must be chip harvested to facilitate potential planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. If market conditions limit the practicality of chipping, tops and slash must be arranged in a way that will not inhibit future planting operations, as directed by the Sale Administrator. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter does not apply (G. C. & R. 2.2) to Payment Unit 2.

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit 2 shall not exceed 6 inches for all trees. This is in order to facilitate potential planting operations.

3 - Payments

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are oak trees that are four (4) inches or more at DBH and all trees marked with green paint. 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. In addition, extreme care should be taken to avoid damaging sub-merchantable oak saplings and seedlings.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

4.1.7 - Road closure (10/11)

Overgrown or bermed access roads that are reopened must be blocked to vehicle traffic upon completion of the sale. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks.

Contact the Sale Administrator for specific details of design and placement.

4.1.12 - No new roads (1/12)

No new roads will be permitted. 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

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 2 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

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Units 1 and 2, 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

5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over trees marked with pink paint. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over.

5.2.31 - Landing locations (9/13)

Landing locations are to be determined on-site between Sale Administrator and Producer in an advantageous and minimally destructive area, except landings cannot be placed in the NW portion of Payment Unit 1 due to surface water and Blanding's Turtle habitat.

5.2.32 - Decking/landing restoration (9/13)

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

5.2.37 - No decking areas (12/08)

No decking is allowed in the NW portion of Payment Unit 1 due to surface water and Blanding's Turtle habitat.

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 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.

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.

5.8.8 - Protected species, other (2/12)

Within Payment Units 1 and 2, unless changed by written agreement, cutting, skidding, hauling, brushing of roads, and the use of heavy equipment are not permitted during the period of April 1 to October 31. This restriction is because of Blanding's Turtle habitat.

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 Shan-Gra-La 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.

| | | |
|---------------------------------|---------------------------|----------------|
| Sale Number 53-019-24 | Date 08/16/2024 | |
| Scale 1:7,920 | Page 1 | Of 1 |

| | | |
|---|---------------------|----------------------------|
| Forest Management Unit Pigeon River Country Mgt Unit | County Cheboygan | Mapped By: Joyanne Mittig |
| | | Cruised By: Joyanne Mittig |

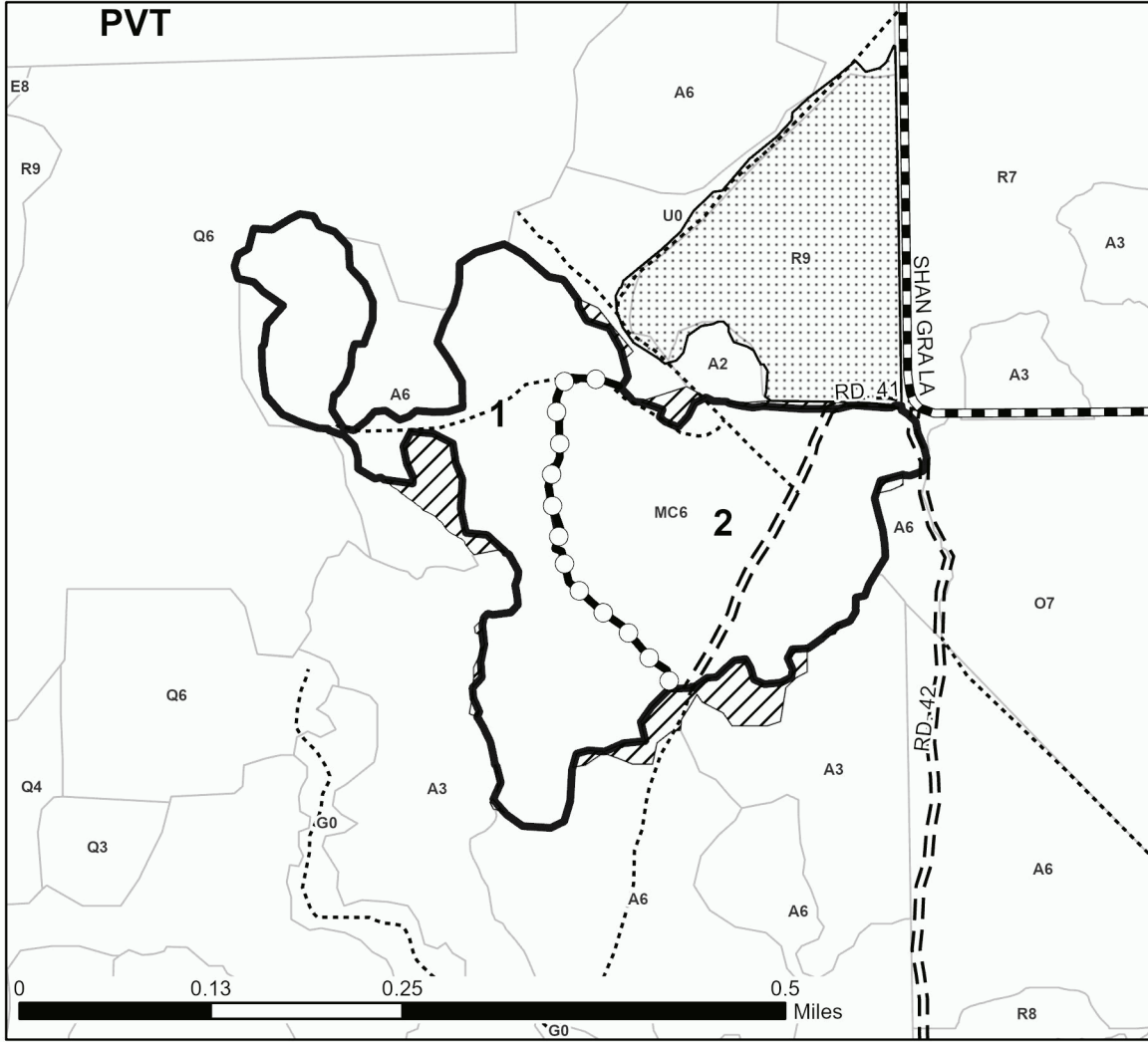
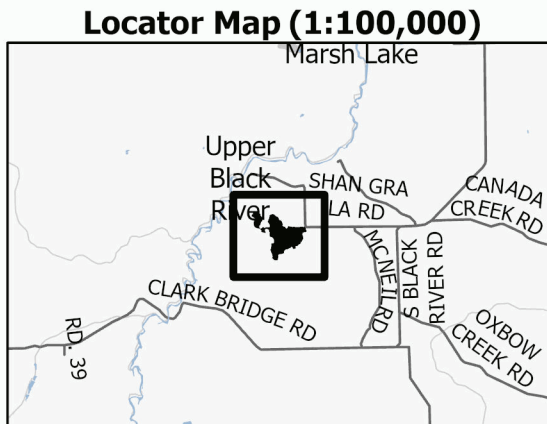
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|-----------------|--------------|---|
| Township 33N | Range 01E | Section(s) and Subdivision(s) Sec. 21 S1/2NE,SE; Sec. 22 NWSW; |
|-----------------|--------------|---|

| 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 | 23.9 |
| 2 | 22 |

Messy Mix
45.9 Acres



| Legend | |
|--------|----------------------------|
| | Against State (Red) |
| | Payment Unit (Orange) |
| | Retention Areas |
| | Nearby Timber Sale |
| | Stand |
| | Forest Access Route |
| | Administrative Access Only |
| | Government Gravel/Dirt |

Use QR Code to open Map in App

