



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #7467

REVISION NOTICE #1 - June 21, 2024

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on Wednesday, July 10, 2024

LOCATION: Shingleton Mgmt Unit, PO Box 67, M 28 West, Shingleton, MI 49884

This prospectus has been modified with the following changes:

GNA2 Cache (41-801-24) has been withdrawn from this Prospectus. Payment Units 14 and 15 have received substantial damage from recent storms. Therefore, the sale is being overhauled to account for this damage and to salvage the areas of blowdown.

The sale will be re-advertised soon.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Robert Burnham at 906-420-1645 ext. n/a.



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LOCATION: **SHINGLETON MGMT UNIT, PO BOX 67, M 28 WEST, SHINGLETON, MI 49884.**

CONTACT NAME: Robert Burnham

PHONE NUMBER: (906) 420-1645

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

Weasley woods (41-022-23) / T46N, R15W, SEC. 13, SWSW.

T46N, R15W, SEC. 14, SESE.

T46N, R15W, SEC. 23, NENE, SESW, SWSE.

T46N, R15W, SEC. 24, W1/2NW.

T46N, R15W, SEC. 25, SWNW, NWSW.

T46N, R15W, SEC. 26, NENW, NE, NESE.

Schoolcraft County, Advertised Price \$34,116.00, 151.2 Acres, Jack Pine, Spruce/Fir/Tamarack.

SALE NOTE: Within Payment Unit(s) 3-5, harvesting is limited to frozen or snow-covered conditions because of threatened or endangered species.

Hauling may be restricted on the Walsh Grade by the Unit Manager or his/her representative. The restriction may occur during spring break up.

TIMBER SALE INFORMATION

Weasley woods (41-022-23)

T46N, R15W, SEC. 13; T46N, R15W, SEC. 14; T46N, R15W, SEC. 23; T46N, R15W, SEC. 24; T46N, R15W, SEC. 25; T46N, R15W, SEC. 26.

SALE NOTE: Within Payment Unit(s) 3-5, harvesting is limited to frozen or snow-covered conditions because of threatened or endangered species.

Hauling may be restricted on the Walsh Grade by the Unit Manager or his/her representative. The restriction may occur during spring break up.

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 | 3 Cords | \$ 8.50 / Cord |
| Black Spruce | 1,409 Cords | \$ 11.80 / Cord |
| Jack Pine | 489 Cords | \$ 24.00 / Cord |
| Mixed Aspen | 31 Cords | \$ 18.10 / Cord |
| Mixed Hardwood | 28 Cords | \$ 18.55 / Cord |
| Paper Birch | 32 Cords | \$ 8.25 / Cord |
| Tamarack | 153 Cords | \$ 1.35 / Cord |
| White Pine | 245 Cords | \$ 17.05 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 17.02 percent. There are an estimated 2,389 cords on this timber sale, plus or minus 407 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 \$1,705.80 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 | 20.4% |
| 02 | 27.8% |
| 03 | 1.1% |
| 04 | 23.1% |
| 05 | 27.6% |
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2029.

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 |
| 188,693 | 2,389 | 17.02% | 1,982 | 2,795 |

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 |
| 1 | 64,348 | 815 | 22.83% | 629 | 1,001 |
| 2 | 2,550 | 32 | 142.27% | 0 | 78 |
| 3 | 121,795 | 1,542 | 16.45% | 1,288 | 1,795 |
| TOTAL: | 188,693 | 2,389 | | 1,917 | 2,874 |

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 |
|---------------|--------------|----|--------------|
| 1 | 46.7 | 1 | 19.8 |
| | | 2 | 26.9 |
| 2 | 5.1 | 3 | 5.1 |
| | | 4 | 45.4 |
| 3 | 99.4 | 5 | 54.0 |
| | | | |
| TOTAL: | 151.2 | | 151.2 |

DESCRIPTION OF TIMBER BY PU (PU)

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE |
|------------------|----------------------|--------------|------------|--------------|-------|-----------------|
| 1 | Balsam Fir | Pulpwood | 1 | Cords | 19.8 | \$6,959.10 |
| | Black Spruce | | 14 | Cords | | |
| | Jack Pine | | 207 | Cords | | |
| | Mixed Hardwood | | 1 | Cords | | |
| | <i>Red Maple</i> | | 1 | <i>Cords</i> | | |
| | Tamarack | | 19 | Cords | | |
| | White Pine | | 104 | Cords | | |
| | 2 | | Balsam Fir | Pulpwood | | |
| Black Spruce | 18 | Cords | | | | |
| Jack Pine | 282 | Cords | | | | |
| Mixed Hardwood | 2 | Cords | | | | |
| <i>Red Maple</i> | 2 | <i>Cords</i> | | | | |
| Tamarack | 25 | Cords | | | | |
| White Pine | 141 | Cords | | | | |
| 3 | Black Spruce | Pulpwood | 32 | | Cords | 5.1 |
| 4 | Black Spruce | Pulpwood | 614 | Cords | 45.4 | \$7,893.90 |
| | Mixed Aspen | | 14 | Cords | | |
| | <i>Quaking Aspen</i> | | 14 | <i>Cords</i> | | |
| | Mixed Hardwood | | 11 | Cords | | |
| | <i>Black Cherry</i> | | 1 | <i>Cords</i> | | |
| | <i>Red Maple</i> | | 10 | <i>Cords</i> | | |
| | Paper Birch | | 15 | Cords | | |
| | Tamarack | | 50 | Cords | | |
| 5 | Black Spruce | Pulpwood | 731 | Cords | 54.0 | \$9,413.10 |
| | Mixed Aspen | | 17 | Cords | | |
| | <i>Quaking Aspen</i> | | 17 | <i>Cords</i> | | |
| | Mixed Hardwood | | 14 | Cords | | |
| | <i>Black Cherry</i> | | 2 | <i>Cords</i> | | |
| | <i>Red Maple</i> | | 12 | <i>Cords</i> | | |
| | Paper Birch | | 17 | Cords | | |
| | Tamarack | | 59 | Cords | | |
| TOTAL: | | | 2,390 | Cords | | |

Sale Specific Conditions & Requirements

Sale Name: Weasley woods

Sale Number: 41-022-23 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

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

Within Payment Unit(s) 1-5, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any hemlock and oak. In addition, the following exceptions apply:

- Within Payment Units 1 & 2, do not cut trees marked with green paint.
- Within Payment Unit 3, do not cut white pine and cedar.

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

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 1 & 2, shall not exceed 12 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH. This is in order to facilitate regeneration operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) \$15,000 or greater in value, 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 hemlock and oak. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on the Walsh Grade by the Unit Manager or his/her representative. The restriction may occur during spring breakup.

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins.

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, Payment Unit(s) 1 and 2 shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 3-5, unless changed by written agreement, cutting, skidding, and hauling are limited to frozen or snow-covered conditions. This restriction is because threatened or endangered species.

5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

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.

5.8 - Protection of Endangered Species

5.8.3 - Red shoulder hawk or goshawk (1) (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

5.8.8 - Protected species, other (2/12)

Within Payment Unit(s) 3-5, unless changed by written agreement, cutting, skidding, and hauling are limited to frozen or snow-covered conditions. This restriction is because of threatened or endangered species.

7 - Other Conditions

7.3 - Contract Modifications

7.3.3 - Modification for reforestation (8/05)

When contractual work of Purchaser has been accepted for any Payment Unit identified on Sale Area Map, Payment Unit will be eliminated from the Sale Area on written notice so that reforestation operations can begin.



TIMBER SALE MAP

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

| | | |
|---------------------------------|---------------------------|----------------|
| Sale Number 41-022-23 | Date 02/23/2024 | |
| Scale 1:15,840 | Page 1 | Of 1 |

| | | |
|--|------------------------------|-----------------------------------|
| Forest Management Unit Shingleton Mgt Unit | County Schoolcraft | Mapped By: S. Kentner |
| | | Cruised By: Gould, Kentner |

| | | |
|------------------------|---------------------|--|
| Township 46N | Range 15W | Section(s) and Subdivision(s) SWNW,NWSW; Sec. 26 NENW,NE,NESE; Sec. 13 SWSW; Sec. 14 SESE; Sec. 23 NENE,SESW,SWSE; Sec. 24 W1/2NW; Sec. 25 |
|------------------------|---------------------|--|

| 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 |

Weasley woods 151.2 Acres

