



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7055**

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

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

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

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

Ruffled Oak Mix (72-014-21) / T28N, R02E, SEC. 10, S1/2SE.

T28N, R02E, SEC. 11, SWSW.

T28N, R02E, SEC. 14, SWSE.

T28N, R02E, SEC. 23, NWNE.

Oscoda County, Advertised Price \$48,935.10, 56.1 Acres, Hardwood, Aspen.

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

See the following spec for information of local recreation trails:

- 5.2.39

- 5.2.41

- 6.2.2

- 6.2.3

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.

Granholm Oak (72-015-21) / T28N, R02E, SEC. 10, E1/2NW,W1/2NE.

T28N, R02E, SEC. 3, SESW,SWSE.

Oscoda County, Advertised Price \$48,592.65, 33.3 Acres, Hardwood, Red Pine.

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

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.

Centerline Red Pine (72-018-21) / T28N, R02E, SEC. 33, NENE,S1/2NE,SWSW,N1/2SE,SESE.

Oscoda County, Advertised Price \$87,135.40, 92.6 Acres, Red Pine, Hardwood.

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

- See sale spec 4.1.6 for information on needed road work.

- See sale spec 2.2.2 and 2.2.3 for information on chipping and stump height requirements.

- See sale specs 5.2.39 and 6.2.3 for information on recreation trails requirements.

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.

Pearly Poplar (72-019-21) / T27N, R02E, SEC. 4 , SESW,S1/2SE.

Oscoda County, Advertised Price \$63,990.10, 48.8 Acres, Aspen, Hardwood.

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

See sale specs 5.2.39 and 6.2.3 for information on recreational trail requirements.

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.

Pickeral Lake Mix (72-021-21) / T28N, R01E, SEC. 17, NWNW.

T28N, R01E, SEC. 18, NENW,S1/2NW,N1/2NE,SW,SE.

T28N, R01E, SEC. 7 , SESE.

T28N, R01E, SEC. 8 , SWSW.

Oscoda County, Advertised Price \$65,853.80, 158.0 Acres, Aspen, Jack Pine.

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

See sale specs 5.1.3 and 5.1.6 for information on pipelines in the area.

Payment Units 3 and 5 have scattered areas of softer ground in the south.

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.

Which Way Pine (72-022-21) / T28N, R01E, SEC. 17, S1/2SW.

T28N, R01E, SEC. 18, SESE.

T28N, R01E, SEC. 19, E1/2NE.

T28N, R01E, SEC. 20, NW,N1/2SW,SESW,W1/2SE.

Oscoda County, Advertised Price \$64,662.00, 235.3 Acres, Jack Pine, Red Pine.

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

- See sale specs 5.2.41 and 6.2.2 for information on local snowmobile trail.

- See sale spec 2.2.10 for information on chipping of top restrictions.

Large sale size.

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

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

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

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

2. Bidder's Qualifications (5/16)

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

3. Preparation of Sealed Bids (5/16)

Bid Forms may be completed online thru Michigan DNR Timber Sale Online Bidding (OLB) at www.michigan.gov/timberbidding or by completing the hardcopy Bid Form found in the Timber Sale Prospectus. Hardcopy Bid Forms shall be manually signed in ink. Registration in OLB is considered your 'signature' for all bids submitted thru that system. Bid prices must be entered for each species and product in the Bid Price column for all material subject to bidding and all fill-in blanks must be completed. If erasures or other changes appear on the hardcopy Bid Form, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (5/16)

Bid forms may be obtained from the Unit Manager or thru OLB. Bids may be submitted hardcopy or thru OLB. All hardcopy bids must be submitted on the bid form and in an envelope clearly identified as described in this section. NOTE: Only one bid form per bid envelope. Sealed bids must be submitted to the Unit office designated in the prospectus and must be submitted at or prior to the time established in the prospectus. The envelope should show on the outside (a) the sale name or number and (b) the date and time of bid opening, as shown in the prospectus. Bids received after the time specified in the sale prospectus are late bids and will be rejected.

It is possible for a bidder to submit multiple bids on a single sale. For example, a bid may be submitted hardcopy and a bid may be submitted thru OLB. Or, two bidders from the same company could both submit bids on the same sale. If this were to happen, the State would accept all bids received and award the contract accordingly. All bidding and contractual requirements would apply to all bids received.

5. Public Opening of Sealed Bids (7/16)

If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.

If a bidder, present at a bid opening, has submitted bids on more than one sale, that bidder may withdraw their unopened bid envelopes or announce the withdrawal of their online bid after being declared the successful bidder on one sale.

6. Award of Contract (1/11)

Award of the contract will be made to the Bidder whose bid, conforming to the prospectus, is most advantageous to the State of Michigan on the basis of total value at rates bid for the estimated quantities. The State reserves the right to reject any bid or waive any minor irregularity in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party.

7. Down Payment (1/11)

The Bidder to whom award is made must make a down payment within 21 days of the sale award. The amount of the down payment will be calculated as shown in the Bond and Payment Schedule of this prospectus. Only cash may be used to meet this requirement.

8. Performance Security (1/11)

As guarantee of faithful performance, a cash bond, certificate of deposit, surety bond or irrevocable letter of credit (LOC) is required within 21 days of the sale award. The amount of the performance security is shown in the Bond and

Payment Schedule of this prospectus. If an LOC or surety is used, the coverage must extend for at least 6 months beyond the contract expiration.

9. Timber Sale Contract (7/18)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at www.michigan.gov/timber. Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 3 months after the first offense, 6 months after the second offense, and 1 year after the third offense. An offense will only be counted against the Bidder for 5 years. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the expiration date.

Payment Unit values in the State Forest Timber Sale Contract are calculated based on the advertised value of the Payment Unit as a percentage of the total advertised value of the contract. The advertised value of each Payment Unit is given in the Description of Timber by Payment Unit table on the Timber Sale Information page. For example, if the value of Payment Unit 1 is advertised as \$1,500 and the total Timber Sale value is advertised as \$10,000, the contract price for Payment Unit 1 will be 15% of the total bid price ($\$1,500/\$10,000 * 100$).

10. Disclaimer of Estimates and Bidder's Warranty of Inspection (7/16)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery. No reliance should be placed on the State of Michigan's estimates of timber quality, quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

11. Certification and Chain-of-Custody (10/14)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate #NSF-SFIS-5Y031-SF5. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

12. Good Neighbor Authority (GNA) Requirements (7/16)

If the name of this timber sales contains the acronym GNA, it is authorized by the Good Neighbor Authority (GNA) and covered by various agreements between the U.S. Forest Service and the State. The timber sale occurs on federal land and the following conditions apply:

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

13. Good Neighbor Authority (GNA) Requirements, con't (9/16)

Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining , attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.
- d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this requirement, in whole or in part, shall submit an explanation with their bid.

DAN EICHINGER
Director

TIMBER SALE INFORMATION

Ruffled Oak Mix (72-014-21)

T28N, R02E, SEC. 10; T28N, R02E, SEC. 11; T28N, R02E, SEC. 14; T28N, R02E, SEC. 23.
Oscoda County (Advertised Price \$48,935.10)

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

See the following spec for information of local recreation trails:

- 5.2.39
- 5.2.41
- 6.2.2
- 6.2.3

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

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

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|-------------------------|-------------------------|
| Sawtimber | | |
| BI/R/Hybrid Oak | 197.1 MBF | \$ 100.00 / MBF |
| Mixed Aspen | 116.4 MBF | \$ 50.00 / MBF |
| Red Maple | 31.0 MBF | \$ 48.00 / MBF |
| Red Pine | 23.9 MBF | \$ 89.00 / MBF |
| Pulpwood | | |
| BI/R/Hybrid Oak | 335 Cords | \$ 23.20 / Cord |
| Jack Pine | 11 Cords | \$ 15.35 / Cord |
| Mixed Aspen | 180 Cords | \$ 24.90 / Cord |
| Red Maple | 196 Cords | \$ 24.10 / Cord |
| Red Pine | 65 Cords | \$ 31.10 / Cord |
| White Pine | 29 Cords | \$ 21.45 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 7.78 percent. There are an estimated 1,671 cords on this timber sale, plus or minus 130 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$2,447.00 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 | 13.3% |
| 02 | 22.0% |
| 03 | 64.7% |
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

SALE STATISTICS

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

SALE VOLUMES

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

| VOLUME | | | STATISTICAL RANGE IN CORDS | |
|------------------|-------------|---------------|----------------------------|---------|
| TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 131,976 | 1,671 | 7.78% | 1,541 | 1,801 |

VDU VOLUMES

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

| | VOLUME | | | RANGE IN CORDS | |
|---------------|------------------|--------------|---------------|----------------|--------------|
| VDU | TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 45 | 115,765 | 1,465 | 8.64% | 1,339 | 1,592 |
| 55 | 16,211 | 205 | 14.43% | 176 | 235 |
| TOTAL: | 131,976 | 1,671 | | 1,514 | 1,827 |

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 |
|---------------|-------------|----|-------------|
| 45 | 48.5 | 2 | 12.3 |
| | | 3 | 36.2 |
| 55 | 7.6 | 1 | 7.6 |
| TOTAL: | 56.1 | | 56.1 |

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE |
|----------------------|----------------------|------------------|-----------|--------------|-------|-----------------|
| 1 | BI/R/Hybrid Oak | Sawtimber | 35.8 | MBF | 7.6 | \$6,508.95 |
| | Mixed Aspen | | 11.0 | MBF | | |
| | <i>B. T. Aspen</i> | | 8.2 | <i>MBF</i> | | |
| | <i>Quaking Aspen</i> | | 2.8 | <i>MBF</i> | | |
| | BI/R/Hybrid Oak | Pulpwood | 35 | Cords | | |
| | Mixed Aspen | | 40 | Cords | | |
| | <i>B. T. Aspen</i> | | 39 | <i>Cords</i> | | |
| | <i>Quaking Aspen</i> | | 1 | <i>Cords</i> | | |
| | Red Maple | | 5 | Cords | | |
| | White Pine | | 21 | Cords | | |
| | <i>White Pine</i> | <i>Sawtimber</i> | 5.1 | <i>MBF</i> | | |
| | <i>White Pine</i> | <i>Pulpwood</i> | 11 | <i>Cords</i> | | |
| | 2 | BI/R/Hybrid Oak | Sawtimber | 40.9 | | |
| Mixed Aspen | | | 26.7 | MBF | | |
| <i>B. T. Aspen</i> | | | 25.3 | <i>MBF</i> | | |
| <i>Quaking Aspen</i> | | | 1.4 | <i>MBF</i> | | |
| Red Maple | | | 7.9 | MBF | | |
| Red Pine | | | 6.1 | MBF | | |
| BI/R/Hybrid Oak | | Pulpwood | 76 | Cords | | |
| Jack Pine | | | 3 | Cords | | |
| Mixed Aspen | | | 36 | Cords | | |
| <i>B. T. Aspen</i> | | | 22 | <i>Cords</i> | | |
| <i>Quaking Aspen</i> | | | 14 | <i>Cords</i> | | |
| Red Maple | | | 48 | Cords | | |
| Red Pine | | | 16 | Cords | | |
| White Pine | | | 2 | Cords | | |
| <i>White Pine</i> | | | 2 | <i>Cords</i> | | |
| 3 | | BI/R/Hybrid Oak | Sawtimber | 120.4 | MBF | 36.2 |
| | Mixed Aspen | | 78.7 | MBF | | |
| | <i>B. T. Aspen</i> | | 74.6 | <i>MBF</i> | | |
| | <i>Quaking Aspen</i> | | 4.1 | <i>MBF</i> | | |
| | Red Maple | | 23.1 | MBF | | |
| | Red Pine | | 17.8 | MBF | | |
| | BI/R/Hybrid Oak | Pulpwood | 224 | Cords | | |
| | Jack Pine | | 8 | Cords | | |
| | Mixed Aspen | | 104 | Cords | | |
| | <i>B. T. Aspen</i> | | 64 | <i>Cords</i> | | |
| | <i>Quaking Aspen</i> | | 40 | <i>Cords</i> | | |
| | Red Maple | | 143 | Cords | | |
| | Red Pine | | 49 | Cords | | |
| | White Pine | | 6 | Cords | | |
| | <i>White Pine</i> | | 6 | <i>Cords</i> | | |
| | TOTAL: | | | 368.4 | MBF | |
| TOTAL: | | | 816 | Cords | | |

Sale Specific Conditions & Requirements

Sale Name: Ruffled Oak Mix

Sale Number: 72-014-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. The Payment Unit line between Payment Units 2 and 3 is unpainted and identified by Hill Road. The northern sale boundary of Payment Unit 3 is designated by the snowmobile trail.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, 2, and 3, cut all trees that are two (2) inches or more at DBH, except any pine trees greater than 26" at DBH. 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

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit 1. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

3.4 - Damaged Timber

3.4.2 - 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 any pine trees greater than or equal to 26" at DBH. 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

4.1.3 - 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.

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, be chipped, utilized, or otherwise removed from the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or

windrows.

4.1.7 - Road closure (10/11)

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

4.1.11 - Permits (2/12)

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

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.1 - Notification

5.1.1 - 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 locations and review sale specifications. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company 14 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 36 inches in height.

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

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.5 - Oak wilt restriction (1/18)

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

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1, 2, and 3, leave one 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These trees will be evenly scattered throughout the

Payment Unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

5.2.29 - Shrub protection (1/20)

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

5.2.32 - Decking/landing restoration (9/13)

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

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

The Mio Trail is an ORV trail and is shown on the Timber Sale Map. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail may only occur in locations approved by the sale administrator.

5.2.41 - Snowmobile trail protection (9/11)

The trail LP 4_9 is a snowmobile trail 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, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. 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 not be used for any timber sale operations from December 1 to March 31 without written approval from the Unit Manager. If the trail needs to be crossed, it shall 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 5 feet of the snowmobile trail must be cut at ground level.

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.

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 Hill Road and Oak Lake 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.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail 4/9 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 the Mio ORV trail 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.



TIMBER SALE MAP

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

| | |
|-------------|------|
| Sale Number | Year |
| 72-014 | 21 |

| | | | | | |
|--|------------------|---|-------------------|-----------|---------|
| Forest Management Unit Grayling Management Unit | County Oscoda | Mapped By Trevor Kubitskey | Date 6/24/2021 | Page 1 | of 1 |
| Township 28N | Range 02E | Section(s) and Subdivision(s) Sec. 10, S1/2SE, Sec. 11, SWSW, Sec. 14, SWSE, Sec. 23, NWNE | Scale 1:15,840 | | |

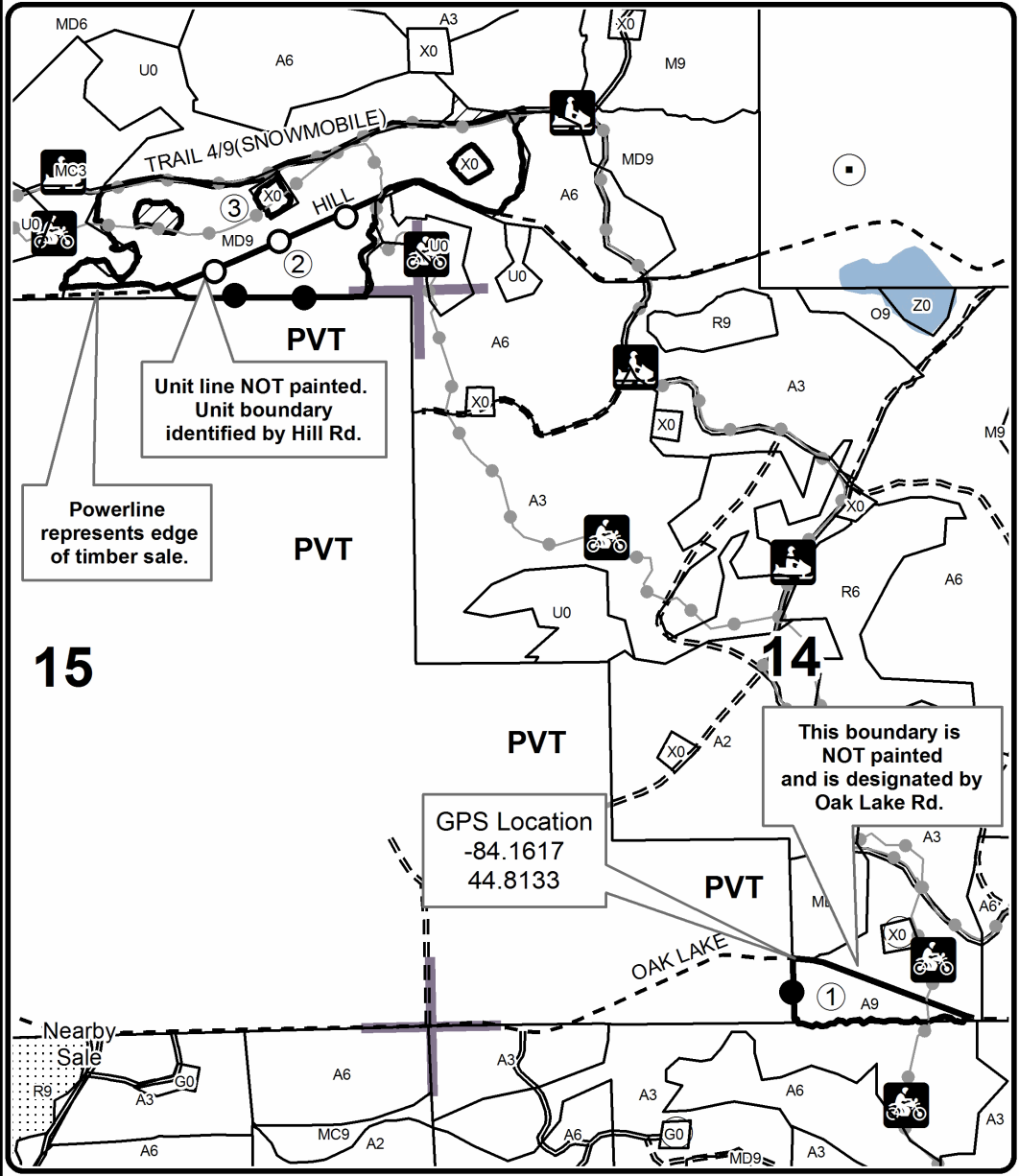
| Cover Type | | | | Density | |
|-------------------|----------------------|-------------------------|-------------------|-----------------------------|------------------------|
| A = Aspen | H = Hemlock | N = Marsh | U = Upland Brush | 0 = Non Stocked | 5 = Pole Timber Medium |
| B = Paper Birch |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

| PU | Acres |
|----|-------|
| 1 | 7.6 |
| 2 | 12.3 |
| 3 | 36.2 |

Ruffled Oak Mix

Compartment 25

56.1 Acres

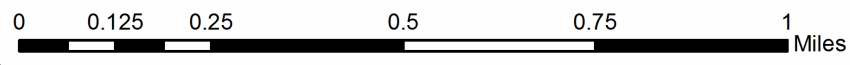


Legend

- Against State (Red)
- Payment Unit (Hill Road)
- Private Line (Blue)
- Nearby Timber Sales
- Retention Area
- Stand Boundaries
- Recreational Trail
- Oil & Gas Well Surface Locations
- Secondary Forest Road
- Forest Access Route
- Gravel Road
- Private
- Lakes and Rivers
- Section Corners
- Payment Unit Label

PVT Private Property

QR Code Map



TIMBER SALE INFORMATION

Granholm Oak (72-015-21)

T28N, R02E, SEC. 10; T28N, R02E, SEC. 3.
Oscoda County (Advertised Price \$48,592.65)

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

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

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

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|-------------------------|-------------------------|
| Sawtimber | | |
| BI/R/Hybrid Oak | 255.9 MBF | \$ 100.00 / MBF |
| Mixed Aspen | 21.9 MBF | \$ 50.00 / MBF |
| Red Maple | 2.4 MBF | \$ 41.00 / MBF |
| Red Pine | 51.5 MBF | \$ 89.00 / MBF |
| Sugar Maple | 5.5 MBF | \$ 308.00 / MBF |
| Pulpwood | | |
| BI/R/Hybrid Oak | 301 Cords | \$ 23.20 / Cord |
| Mixed Aspen | 88 Cords | \$ 24.90 / Cord |
| Mixed Hardwood | 146 Cords | \$ 24.10 / Cord |
| Red Pine | 63 Cords | \$ 31.10 / Cord |
| White Pine | 41 Cords | \$ 21.45 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 9.58 percent. There are an estimated 1,428 cords on this timber sale, plus or minus 137 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$2,430.00 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 | 60.2% |
| 02 | 39.8% |
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

SALE STATISTICS

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

SALE VOLUMES

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

| VOLUME | | STATISTICAL RANGE IN CORDS | | |
|------------------|-------------|----------------------------|---------|---------|
| TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 112,846 | 1,428 | 9.58% | 1,292 | 1,565 |

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 |
| 9 | 21,695 | 275 | 16.67% | 229 | 320 |
| 12 | 27,826 | 352 | 16.78% | 293 | 411 |
| 70 | 63,324 | 802 | 14.31% | 687 | 916 |
| TOTAL: | 112,846 | 1,428 | | 1,209 | 1,648 |

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 |
|---------------|-------------|----|-------------|
| 9 | 8.0 | 2 | 8.0 |
| 12 | 9.5 | 2 | 9.5 |
| 70 | 15.8 | 1 | 15.8 |
| TOTAL: | 33.3 | | 33.3 |

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE | |
|--------|----------------------|-----------|------------------|--------------|-------|-----------------|--------------|
| 1 | BI/R/Hybrid Oak | Sawtimber | 191.2 | MBF | 15.8 | \$29,274.50 | |
| | Mixed Aspen | | 15.8 | MBF | | | |
| | <i>B. T. Aspen</i> | | 15.8 | <i>MBF</i> | | | |
| | Sugar Maple | 5.5 | MBF | | | | |
| | BI/R/Hybrid Oak | Pulpwood | 213 | Cords | | | |
| | Mixed Aspen | | 7 | Cords | | | |
| | <i>B. T. Aspen</i> | | 7 | <i>Cords</i> | | | |
| | Mixed Hardwood | | 106 | Cords | | | |
| | <i>Red Maple</i> | | 99 | <i>Cords</i> | | | |
| | <i>Sugar Maple</i> | | 7 | <i>Cords</i> | | | |
| | | | | | | | |
| 2 | BI/R/Hybrid Oak | Sawtimber | 64.7 | MBF | 17.5 | \$19,318.15 | |
| | Mixed Aspen | | 6.1 | MBF | | | |
| | <i>B. T. Aspen</i> | | 3.3 | <i>MBF</i> | | | |
| | <i>Quaking Aspen</i> | | 2.8 | <i>MBF</i> | | | |
| | Red Maple | 2.4 | MBF | | | | |
| | Red Pine | 51.5 | MBF | | | | |
| | BI/R/Hybrid Oak | Pulpwood | 88 | Cords | | | |
| | Mixed Aspen | | 81 | Cords | | | |
| | <i>B. T. Aspen</i> | | 3 | <i>Cords</i> | | | |
| | <i>Quaking Aspen</i> | | 78 | <i>Cords</i> | | | |
| | Mixed Hardwood | | 40 | Cords | | | |
| | <i>Red Maple</i> | | 40 | <i>Cords</i> | | | |
| | Red Pine | | 63 | Cords | | | |
| | White Pine | | 41 | Cords | | | |
| | <i>White Pine</i> | | <i>Sawtimber</i> | 18.5 | | | <i>MBF</i> |
| | <i>White Pine</i> | | <i>Pulpwood</i> | 4 | | | <i>Cords</i> |
| | TOTAL: | | | 337.2 | | | MBF |
| TOTAL: | | | 639 | Cords | | | |

Sale Specific Conditions & Requirements

Sale Name: Granholm Oak

Sale Number: 72-015-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary is marked and identified by red paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected. The west boundary for Payment Unit 2 is not painted and is designated by Granholm Road (also the snowmobile trail).

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 any pine greater than 26" at DBH. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.1.11 - Description of timber note (2/04)

Note that Mixed Hardwood pulp contains sugar maple and red maple.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

All Payment Units must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping to minimize the amount of residual slash. 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.

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 10 inches for all trees. This is to facilitate planting operations. If harvested with snow-on conditions, the producer may be required to come back after snow melt to cut stumps down to specified height.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

3.4 - Damaged Timber

3.4.2 - 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 any pine trees greater or equal to 26" at DBH. 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

4.1.3 - 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.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be chipped, utilized, or otherwise removed from the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge and may be used for blocking any new roads built into the sale. 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. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the sale administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

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

4.2 - 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 locations and sale specifications. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company 14 days prior to operating equipment in the vicinity of well heads or natural gas pipelines.

5.2 - Conduct of Operations

5.2.1 - Slash

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

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 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.

5.2.32 - 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.

5.2.41 - Snowmobile trail protection (9/11)

Snowmobile trail 4/9 is shown on the Timber Sale Map. It is also identified as Granholm Road. Do not cut or damage posts with orange trail markers or traffic control signs. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31 without written approval of Unit Manager. 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. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. If harvest operations are active between December 1 and March 31, 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.

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.

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 Granholm 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.

These signs cover spec 6.2.2 - Snowmobile Trail Posting, as Granholm Road is also Snowmobile Trail 4/9 which will require signs during snowmobile season (approximately December 1 to March 31) despite not being included in the proposal.



TIMBER SALE MAP

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

| | | | | | | |
|--|--------------|---|-------------------------------|-------------------|-----------|---------|
| Forest Management Unit Grayling Management Unit | | County Oscoda | Mapped By Trevor Kubitskey | Date 6/28/2021 | Page 1 | of 1 |
| Township 28N | Range 02E | Section(s) and Subdivision(s) Sec. 3 - SESW, SWSE & Sec. 10 - E1/2NW, W1/2NE | | Scale 1:7,920 | | |

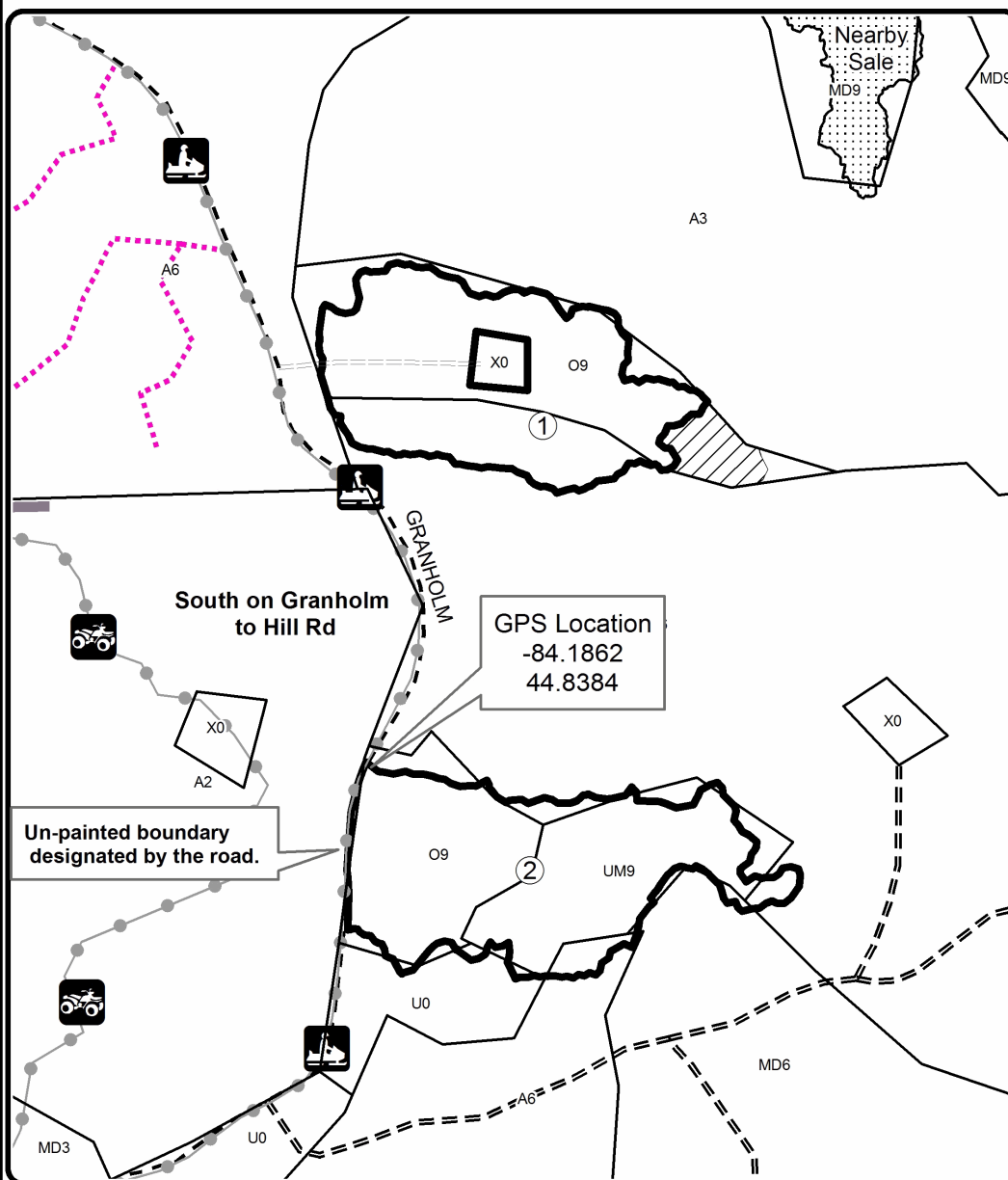
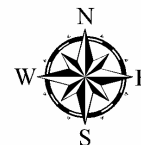
| Cover Type | | | | Density | | | |
|-------------------|----------------------|-------------------------|-------------------|-----------------------------|------------------------|--|--|
| A = Aspen | H = Hemlock | N = Marsh | U = Upland Brush | 0 = Non Stocked | 5 = Pole Timber Medium | | |
| B =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

| PU | Acres |
|----|-------|
| 1 | 15.8 |
| 2 | 17.5 |

Granhholm Oak

Compartment 25

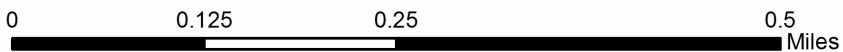
33.3 Acres



Legend

- Against State (Red)
- Nearby Timber Sales
- Retention Area
- PU_Label
- Stand Boundaries
- Recreational Trail
- Forest Access Route
- Gravel Road
- Temporary Management Access
- Section Corners

QR Code Map



TIMBER SALE INFORMATION

Centerline Red Pine (72-018-21)
T28N, R02E, SEC. 33.
Oscoda County (Advertised Price \$87,135.40)

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

- See sale spec 4.1.6 for information on needed road work.
- See sale spec 2.2.2 and 2.2.3 for information on chipping and stump height requirements.
- See sale specs 5.2.39 and 6.2.3 for information on recreation trails requirements.

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 | 19.9 MBF | \$ 54.00 / MBF |
| Mixed Oak | 61.5 MBF | \$ 109.00 / MBF |
| Red Maple | 15.5 MBF | \$ 53.00 / MBF |
| Red Pine | 420.4 MBF | \$ 97.00 / MBF |
| White Pine | 77.3 MBF | \$ 64.00 / MBF |
| Pulpwood | | |
| B. T. Aspen | 151 Cords | \$ 27.15 / Cord |
| Mixed Hardwood | 329 Cords | \$ 26.25 / Cord |
| Quaking Aspen | 148 Cords | \$ 27.15 / Cord |
| Red Pine | 397 Cords | \$ 33.90 / Cord |
| White Pine | 111 Cords | \$ 23.40 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 5.78 percent. There are an estimated 2,426 cords on this timber sale, plus or minus 140 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 \$4,357.00 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 | 23.4% |
| 02 | 14.7% |
| 03 | 20.3% |
| 04 | 41.6% |
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2024.

SALE STATISTICS

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

SALE VOLUMES

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

| VOLUME | | | STATISTICAL RANGE IN CORDS | |
|------------------|-------------|---------------|----------------------------|---------|
| TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 191,639 | 2,426 | 5.78% | 2,285 | 2,566 |

VDU VOLUMES

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

| | VOLUME | | | RANGE IN CORDS | |
|---------------|------------------|--------------|---------------|----------------|--------------|
| VDU | TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 36 | 52,316 | 662 | 11.22% | 588 | 737 |
| 37 | 58,956 | 746 | 7.80% | 688 | 804 |
| 47 | 80,366 | 1,017 | 10.22% | 913 | 1,121 |
| TOTAL: | 191,639 | 2,426 | | 2,189 | 2,662 |

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 |
|---------------|-------------|----|-------------|
| 36 | 17.1 | 1 | 17.1 |
| 37 | 56.6 | 2 | 23.8 |
| | | 3 | 32.8 |
| 47 | 18.9 | 4 | 18.9 |
| TOTAL: | 92.6 | | 92.6 |

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE | | |
|-------------------|-------------------------|--------------|----------|------------|--------------|-----------------|--------------|------------|
| 1 | B. T. Aspen | Sawtimber | 19.9 | MBF | 17.1 | \$20,351.85 | | |
| | Mixed Oak | | 41.0 | MBF | | | | |
| | <i>B/R/Hybrid Oak</i> | | 41.0 | <i>MBF</i> | | | | |
| | Red Pine | | 18.3 | MBF | | | | |
| | White Pine | | 4.3 | MBF | | | | |
| | B. T. Aspen | | Pulpwood | 147 | | | Cords | |
| | Mixed Hardwood | | | 156 | | | Cords | |
| | <i>B/R/Hybrid Oak</i> | | | 52 | | | <i>Cords</i> | |
| | <i>Red Maple</i> | | | 78 | | | <i>Cords</i> | |
| | <i>White Oak</i> | | | 26 | | | <i>Cords</i> | |
| | Quaking Aspen | | | 148 | | | Cords | |
| | Red Pine | | | 11 | | | Cords | |
| | White Pine | | | 12 | | | Cords | |
| | <i>White Pine</i> | | | 12 | | | <i>Cords</i> | |
| 2 | Red Pine | Sawtimber | | 95.8 | MBF | 23.8 | \$12,806.05 | |
| | White Pine | | 10.5 | MBF | | | | |
| | B. T. Aspen | | Pulpwood | 2 | Cords | | | |
| | Mixed Hardwood | | | 29 | Cords | | | |
| | <i>Black Cherry</i> | | | 1 | <i>Cords</i> | | | |
| | <i>Northern Pin Oak</i> | | | 17 | <i>Cords</i> | | | |
| | <i>Red Maple</i> | | | 11 | <i>Cords</i> | | | |
| | Red Pine | | | 57 | Cords | | | |
| | White Pine | | | 4 | Cords | | | |
| | <i>White Pine</i> | | | 4 | <i>Cords</i> | | | |
| 3 | Red Pine | Sawtimber | | 132.0 | MBF | 32.8 | \$17,667.00 | |
| | White Pine | | 14.4 | MBF | | | | |
| | B. T. Aspen | | Pulpwood | 2 | Cords | | | |
| | Mixed Hardwood | | | 42 | Cords | | | |
| | <i>Black Cherry</i> | | | 2 | <i>Cords</i> | | | |
| | <i>Northern Pin Oak</i> | | | 24 | <i>Cords</i> | | | |
| | <i>Red Maple</i> | | | 16 | <i>Cords</i> | | | |
| | Red Pine | | | 78 | Cords | | | |
| | White Pine | | | 6 | Cords | | | |
| | <i>White Pine</i> | | | 6 | <i>Cords</i> | | | |
| 4 | Mixed Oak | Sawtimber | | 20.5 | MBF | 18.9 | \$36,310.50 | |
| | <i>Northern Pin Oak</i> | | 20.5 | <i>MBF</i> | | | | |
| | Red Maple | | 15.5 | MBF | | | | |
| | Red Pine | | 174.3 | MBF | | | | |
| | White Pine | | 48.1 | MBF | | | | |
| | Mixed Hardwood | | Pulpwood | 102 | Cords | | | |
| | <i>Northern Pin Oak</i> | | | 29 | <i>Cords</i> | | | |
| | <i>Red Maple</i> | | | 73 | <i>Cords</i> | | | |
| | Red Pine | | | 251 | Cords | | | |
| | White Pine | | | 89 | Cords | | | |
| | <i>Jack Pine</i> | | | Sawtimber | 1.1 | | | <i>MBF</i> |
| | <i>Jack Pine</i> | | | | Pulpwood | | | 3 |
| <i>White Pine</i> | 84 | <i>Cords</i> | | | | | | |
| TOTAL: | | | 594.6 | MBF | | | | |
| TOTAL: | | | 1,136 | Cords | | | | |

Sale Specific Conditions & Requirements

Sale Name: Centerline Red Pine

Sale Number: 72-018-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 and 4, cut all trees that are two (2) inches or more at DBH. In Payment Units 2 and 3, cut all trees that are one (1) inch or more at DBH.

2.1.11 - Description of timber note (2/04)

Note that Mixed Oak Sawtimber contains northern pin oak and black/red oak hybrid.

Mixed Hardwood Pulpwood contains pin oak, black/red oak, white oak, red maple, and black cherry.

Also note that white pine Pulpwood contains 5 cords of jack pine.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 2, 3, and 4 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. Products may be produced as roundwood and forwarded to decking areas in final product length, but the tops must be left intact and skidded to the landing for chipping to minimize the amount of residual slash. 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 is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 2, 3, and 4 shall not exceed 6 inches for all trees. This is to facilitate planting operations. Note: If harvested during snow on conditions, the Purchaser may be required to return to the Sale Area after snowmelt to cut the stumps to the required specification height.

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

4.1.3 - 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, chipped, utilized or otherwise removed

from the sale.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be 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. These stumps can be used to close any opened roads. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

Some minor road work will be necessary to access Payment Unit 4.

4.1.7 - Road closure (10/11)

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

4.2 - 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 and MISS DIG 14 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. There is a pipeline that runs along Centerline Road.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 36 inches in height. This will only apply to Payment Unit 1.

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

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit 1 and 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 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1, leave one 12" or larger diameter (or largest diameter trees

within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These trees will be evenly scattered throughout the Payment Unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

5.2.32 - Decking/landing restoration (9/13)

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

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

There is an ORV Trail present within Payment Units 2, 3, and 4. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail. Skidding across the trail or route may only occur in locations approved by the sale administrator.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Centerline 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.

6.2.3 - Recreational trail posting (10/20)

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



TIMBER SALE MAP

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

| | | | | | | | |
|--|--------------|--|-------------------------------|--|-------------------|----------------|--|
| Forest Management Unit Grayling Management Unit | | County Oscoda | Mapped By Trevor Kubitskey | | Date 8/10/2021 | Page 1 of 1 | |
| | | Cruised By Kubitskey, Price | | | | | |
| Township 28N | Range 02E | Section(s) and Subdivision(s) Sec. 33, NENE, S1/2NE, SWSW, N1/2SE, SESE | | | Scale 1:15,840 | | |

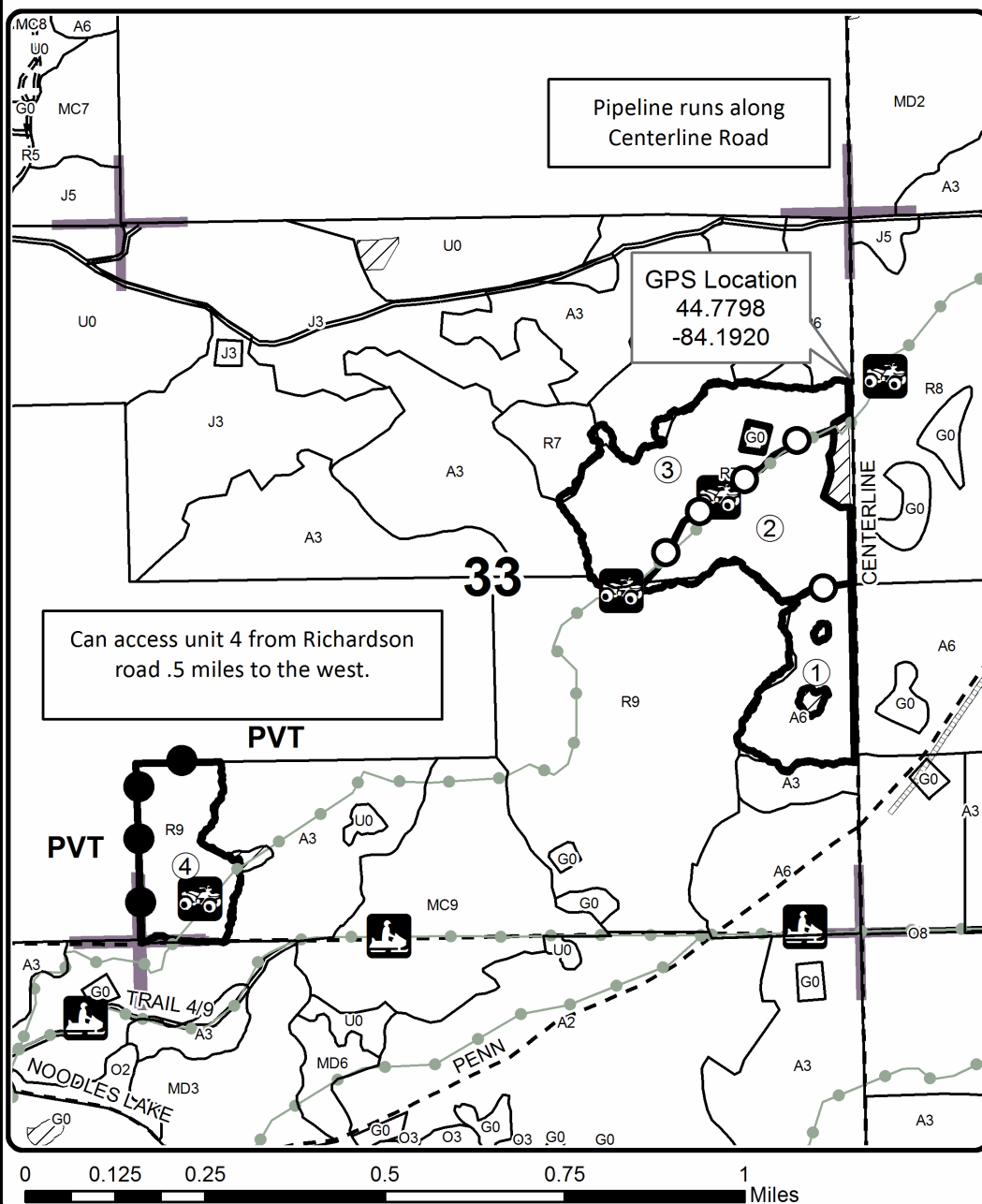
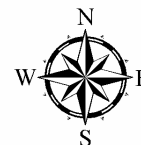
| Cover Type | | | | Density | | | |
|-------------------|----------------------|-------------------------|-------------------|-----------------------------|------------------------|--|--|
| A = Aspen | H = Hemlock | N = Marsh | U = Upland Brush | 0 = Non Stocked | 5 = Pole Timber Medium | | |
| B =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

| PU | Acres | PU | Acres |
|----|-------|----|-------|
| 1 | 17.1 | 4 | 18.9 |
| 2 | 23.8 | | |
| 3 | 32.8 | | |

Centerline Red Pine

Compartment 11

92.6 Acres



Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Retention Area
- Nearby Timber Sales
- Stand Boundaries
- Recreational Trail
- Secondary Forest Road
- Forest Access Route
- Gravel Road
- Section Corners
- Pipeline
- Payment Unit
- PVT Private Property

Locator Map



TIMBER SALE INFORMATION

Pearly Poplar (72-019-21)

T27N, R02E, SEC. 4.

Oscoda County (Advertised Price \$63,990.10)

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

See sale specs 5.2.39 and 6.2.3 for information on recreational trail requirements.

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

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

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | | <u>ADVERTISED PRICE</u> |
|-------------------------------|-------------------------|-------|-------------------------|
| Sawtimber | | | |
| BI/R/Hybrid Oak | 150.8 | MBF | \$ 109.00 / MBF |
| Mixed Aspen | 290.3 | MBF | \$ 54.00 / MBF |
| Red Maple | 26.0 | MBF | \$ 45.00 / MBF |
| Red Pine | 39.7 | MBF | \$ 97.00 / MBF |
| Pulpwood | | | |
| BI/R/Hybrid Oak | 202 | Cords | \$ 25.35 / Cord |
| Mixed Aspen | 494 | Cords | \$ 27.15 / Cord |
| Mixed Hardwood | 256 | Cords | \$ 26.25 / Cord |
| Paper Birch | 22 | Cords | \$ 16.30 / Cord |
| Red Pine | 16 | Cords | \$ 33.90 / Cord |
| White Pine | 30 | Cords | \$ 23.40 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 6.74 percent. There are an estimated 2,081 cords on this timber sale, plus or minus 140 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$3,200.00 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 | 44.5% |
| 02 | 55.5% |

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

SALE STATISTICS

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

SALE VOLUMES

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

| VOLUME | | | STATISTICAL RANGE IN CORDS | |
|------------------|-------------|---------------|----------------------------|---------|
| TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 164,438 | 2,081 | 6.74% | 1,941 | 2,222 |

VDU VOLUMES

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

| | VOLUME | | | RANGE IN CORDS | |
|---------------|------------------|--------------|---------------|----------------|--------------|
| VDU | TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 28 | 164,438 | 2,081 | 6.75% | 1,941 | 2,222 |
| TOTAL: | 164,438 | 2,081 | | 1,941 | 2,222 |

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 |
|---------------|-------------|----|-------------|
| 28 | 48.8 | 1 | 21.7 |
| | | 2 | 27.1 |
| TOTAL: | 48.8 | | 48.8 |

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE | |
|--------|----------------------|-----------|--------------|--------------|-------|-----------------|--------------|
| 1 | BI/R/Hybrid Oak | Sawtimber | 67.1 | MBF | 21.7 | \$28,475.70 | |
| | Mixed Aspen | | 129.1 | MBF | | | |
| | <i>B. T. Aspen</i> | | 66.8 | <i>MBF</i> | | | |
| | <i>Quaking Aspen</i> | | 62.3 | <i>MBF</i> | | | |
| | Red Maple | | 11.6 | MBF | | | |
| | Red Pine | | 17.7 | MBF | | | |
| | BI/R/Hybrid Oak | | Pulpwood | 90 | | | Cords |
| | Mixed Aspen | | | 220 | | | Cords |
| | <i>B. T. Aspen</i> | | | 64 | | | <i>Cords</i> |
| | <i>Quaking Aspen</i> | | | 156 | | | <i>Cords</i> |
| | Mixed Hardwood | 114 | | Cords | | | |
| | <i>Beech</i> | 3 | | <i>Cords</i> | | | |
| | <i>Black Cherry</i> | 4 | | <i>Cords</i> | | | |
| | <i>Red Maple</i> | 107 | <i>Cords</i> | | | | |
| | Paper Birch | 10 | Cords | | | | |
| | Red Pine | 7 | Cords | | | | |
| | White Pine | 13 | Cords | | | | |
| 2 | BI/R/Hybrid Oak | Sawtimber | 83.7 | MBF | 27.1 | \$35,514.40 | |
| | Mixed Aspen | | 161.2 | MBF | | | |
| | <i>B. T. Aspen</i> | | 83.4 | <i>MBF</i> | | | |
| | <i>Quaking Aspen</i> | | 77.8 | <i>MBF</i> | | | |
| | Red Maple | | 14.4 | MBF | | | |
| | Red Pine | | 22.0 | MBF | | | |
| | BI/R/Hybrid Oak | | Pulpwood | 112 | | | Cords |
| | Mixed Aspen | | | 274 | | | Cords |
| | <i>B. T. Aspen</i> | | | 79 | | | <i>Cords</i> |
| | <i>Quaking Aspen</i> | | | 195 | | | <i>Cords</i> |
| | Mixed Hardwood | 142 | | Cords | | | |
| | <i>Beech</i> | 4 | | <i>Cords</i> | | | |
| | <i>Black Cherry</i> | 4 | | <i>Cords</i> | | | |
| | <i>Red Maple</i> | 134 | <i>Cords</i> | | | | |
| | Paper Birch | 12 | Cords | | | | |
| | Red Pine | 9 | Cords | | | | |
| | White Pine | 17 | Cords | | | | |
| TOTAL: | | | 506.8 | MBF | | | |
| TOTAL: | | | 1,020 | Cords | | | |

Sale Specific Conditions & Requirements

Sale Name: Pearly Poplar

Sale Number: 72-019-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. The Interior Payment Unit boundary is identified by the ORV trail. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected.

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 red or white pine greater than 18" at DBH.

2.1.11 - Description of timber note (2/04)

Note that Mixed Hardwood Pulp contains beech, black cherry, and red maple.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

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

4.1.11 - Permits (2/12)

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

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.1 - Notification

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company and MISS DIG 14 days prior to operating equipment in the vicinity of well heads or natural gas pipelines. There is a pipeline that runs along Centerline Road.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

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

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.5 - Oak wilt restriction (1/18)

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

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1 and 2, leave one 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These trees will be evenly scattered throughout the Payment Unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

5.2.29 - Shrub protection (1/20)

Do not cut or damage hawthorn, witch-hazel, dogwood, or juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

5.2.32 - Decking/landing restoration (9/13)

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

5.2.38 - 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)

An ORV Trail is present within the Sale Area, and it is identified on the Timber Sale Map. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the sale administrator.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Centerline 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.

6.2.3 - Recreational trail posting (10/20)

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



TIMBER SALE MAP

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

| | | | | | |
|--|------------------|--|-------------------|-----------|---------|
| Forest Management Unit Grayling Management Unit | County Oscoda | Mapped By Trevor Kubitskey | Date 8/11/2021 | Page 1 | of 1 |
| Township 27N | Range 02E | Section(s) and Subdivision(s) Sec. 4, SESW & S1/2SE | Scale 1:7,920 | | |

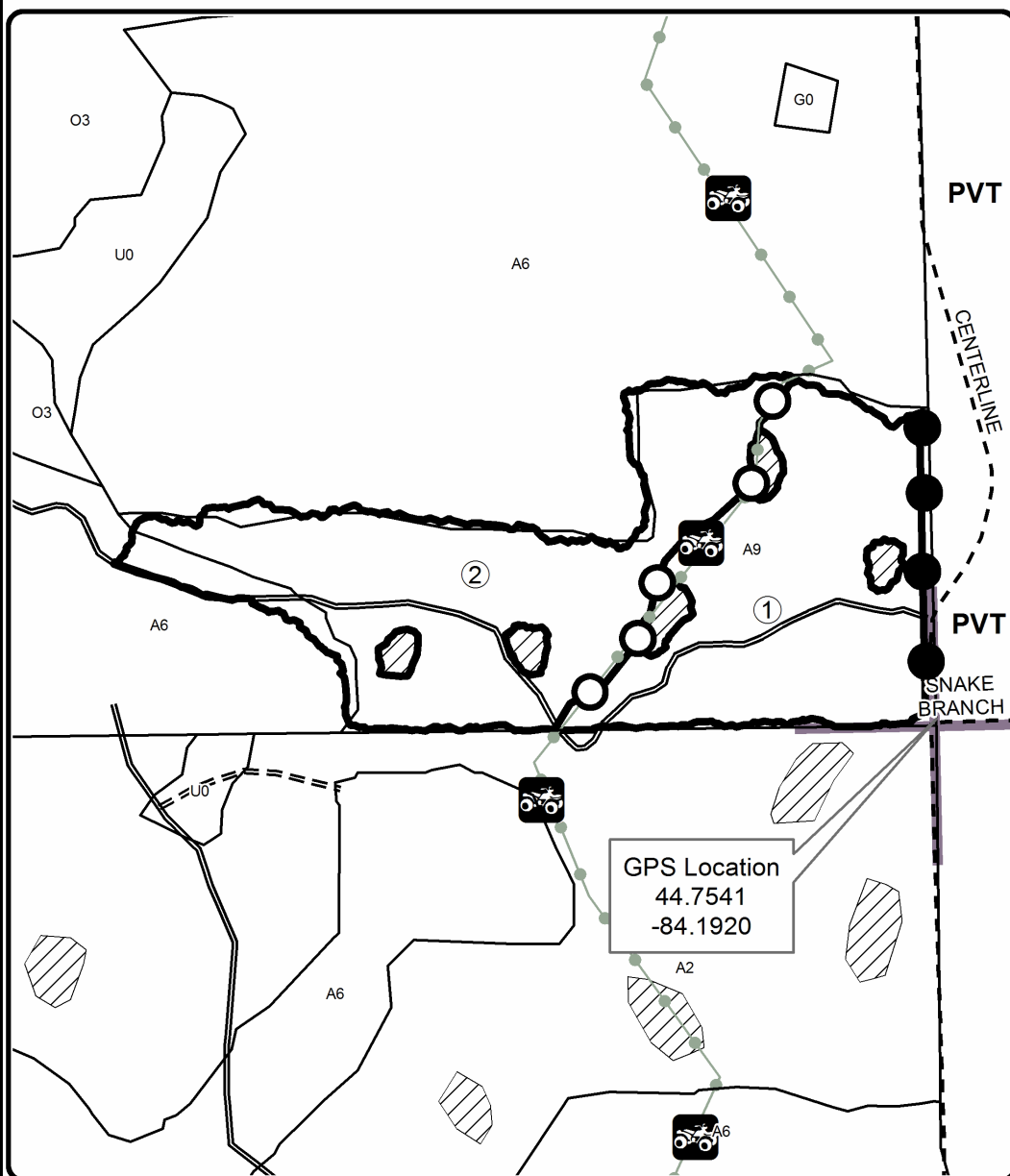
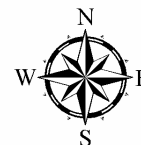
| Cover Type | | | | Density | | | |
|-------------------|----------------------|-------------------------|-------------------|-----------------------------|------------------------|--|--|
| A = Aspen | H = Hemlock | N = Marsh | U = Upland Brush | 0 = Non Stocked | 5 = Pole Timber Medium | | |
| B =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

| PU | Acres |
|----|-------|
| 1 | 21.7 |
| 2 | 27.1 |

Pearly Poplar

Compartment 11

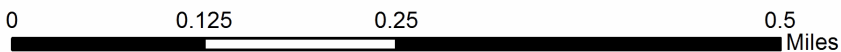
48.8 Acres



Legend

- Against State (Red)
- Payment Unit (ORV Trail)
- Private Line (Blue)
- Retention Area
- Stand Boundaries
- Recreational Trail
- Secondary Forest Road
- Forest Access Route
- Gravel Road
- Section Corners
- Payment Unit
- PVT** Private Property

Locator Map



TIMBER SALE INFORMATION

Pickeral Lake Mix (72-021-21)

T28N, R01E, SEC. 17; T28N, R01E, SEC. 18; T28N, R01E, SEC. 7; T28N, R01E, SEC. 8.
Oscoda County (Advertised Price \$65,853.80)

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

See sale specs 5.1.3 and 5.1.6 for information on pipelines in the area.

Payment Units 3 and 5 have scattered areas of softer ground in the south.

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

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

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED UNITS*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|-------------------------|-------------------------|
| Sawtimber | | |
| BI/R/Hybrid Oak | 14.6 MBF | \$ 100.00 / MBF |
| Jack Pine | 69.1 MBF | \$ 31.00 / MBF |
| Quaking Aspen | 167.1 MBF | \$ 37.00 / MBF |
| Red Maple | 12.2 MBF | \$ 48.00 / MBF |
| Red Pine | 90.1 MBF | \$ 89.00 / MBF |
| White Oak | 32.6 MBF | \$ 67.00 / MBF |
| White Pine | 16.2 MBF | \$ 59.00 / MBF |
| Pulpwood | | |
| Jack Pine | 776 Cords | \$ 15.35 / Cord |
| Misc. Species 1 | 195 Cords | \$ 7.05 / Cord |
| Mixed Aspen | 825 Cords | \$ 24.90 / Cord |
| Mixed Hardwood | 209 Cords | \$ 24.10 / Cord |
| Red Pine | 110 Cords | \$ 31.10 / Cord |
| White Pine | 95 Cords | \$ 21.45 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 4.88 percent. There are an estimated 3,087 cords on this timber sale, plus or minus 151 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$3,293.00 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 | 15.1% |
| 02 | 21.0% |
| 03 | 28.9% |
| 04 | 12.3% |
| 05 | 22.7% |
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2025.

SALE STATISTICS

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

SALE VOLUMES

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

| VOLUME | | | STATISTICAL RANGE IN CORDS | |
|------------------|-------------|---------------|----------------------------|---------|
| TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 243,901 | 3,087 | 4.88% | 2,936 | 3,238 |

VDU VOLUMES

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

| VDU | VOLUME | | | RANGE IN CORDS | |
|---------------|------------------|--------------|---------------|----------------|--------------|
| | TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 9 | 29,091 | 368 | 9.88% | 332 | 405 |
| 14 | 7,161 | 91 | 25.00% | 68 | 113 |
| 15 | 133,813 | 1,694 | 7.08% | 1,574 | 1,814 |
| 18 | 59,270 | 750 | 10.53% | 671 | 829 |
| 51 | 5,557 | 70 | 23.40% | 54 | 87 |
| 118 | 9,008 | 114 | 5.88% | 107 | 121 |
| TOTAL: | 243,901 | 3,087 | | 2,806 | 3,369 |

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 |
|---------------|--------------|----|--------------|
| 9 | 21.6 | 1 | 21.6 |
| 14 | 8.0 | 5 | 8.0 |
| 15 | 77.8 | 3 | 36.6 |
| | | 4 | 13.8 |
| | | 5 | 27.4 |
| 18 | 38.0 | 2 | 38.0 |
| 51 | 6.2 | 3 | 0.1 |
| | | 4 | 6.1 |
| 118 | 6.4 | 3 | 6.4 |
| TOTAL: | 158.0 | | 158.0 |

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE |
|-------------------------|------------------------|------------------|-----------|-------|-------|-----------------|
| 1 | BI/R/Hybrid Oak | Sawtimber | 14.6 | MBF | 21.6 | \$9,970.75 |
| | Jack Pine | | 7.1 | MBF | | |
| | Red Maple | | 12.2 | MBF | | |
| | Red Pine | | 21.8 | MBF | | |
| | White Oak | | 31.2 | MBF | | |
| | Jack Pine | Pulpwood | 19 | Cords | | |
| | Mixed Aspen | | 9 | Cords | | |
| | <i>B. T. Aspen</i> | | 9 | Cords | | |
| | Mixed Hardwood | | 113 | Cords | | |
| | <i>BI/R/Hybrid Oak</i> | | 24 | Cords | | |
| | <i>Red Maple</i> | | 31 | Cords | | |
| | <i>White Oak</i> | | 58 | Cords | | |
| | Red Pine | | 14 | Cords | | |
| | 2 | Jack Pine | Sawtimber | 61.6 | | |
| Red Pine | | | 25.1 | MBF | | |
| Jack Pine | | Pulpwood | 532 | Cords | | |
| Misc. Species 1 | | | 6 | Cords | | |
| <i>Balsam Fir</i> | | | 6 | Cords | | |
| Mixed Aspen | | | 13 | Cords | | |
| <i>Quaking Aspen</i> | | | 13 | Cords | | |
| Mixed Hardwood | | | 15 | Cords | | |
| <i>Black Cherry</i> | | | 9 | Cords | | |
| <i>Northern Pin Oak</i> | | | 6 | Cords | | |
| Red Pine | | | 25 | Cords | | |
| 3 | | Jack Pine | Sawtimber | 0.2 | MBF | 43.1 |
| | Quaking Aspen | | 81.2 | MBF | | |
| | Red Pine | | 19.8 | MBF | | |
| | White Oak | | 0.7 | MBF | | |
| | White Pine | | 4.7 | MBF | | |
| | Jack Pine | Pulpwood | 86 | Cords | | |
| | Misc. Species 1 | | 101 | Cords | | |
| | <i>Paper Birch</i> | <i>Sawtimber</i> | 0.9 | MBF | | |
| | <i>Balsam Fir</i> | <i>Pulpwood</i> | 86 | Cords | | |
| | <i>Black Spruce</i> | | 11 | Cords | | |
| | <i>Paper Birch</i> | | 2 | Cords | | |
| | Mixed Aspen | | 379 | Cords | | |
| | <i>Quaking Aspen</i> | | 379 | Cords | | |
| | Mixed Hardwood | | 37 | Cords | | |
| | <i>Black Cherry</i> | | 14 | Cords | | |
| | <i>Red Maple</i> | | 20 | Cords | | |
| | <i>White Oak</i> | | 3 | Cords | | |
| | Red Pine | | 29 | Cords | | |
| | White Pine | | 33 | Cords | | |
| | 4 | Jack Pine | Sawtimber | 0.1 | MBF | |
| Quaking Aspen | | | 28.8 | MBF | | |
| Red Pine | | | 8.6 | MBF | | |
| White Oak | | | 0.2 | MBF | | |
| White Pine | | | 1.8 | MBF | | |
| Jack Pine | | Pulpwood | 71 | Cords | | |
| Misc. Species 1 | | | 30 | Cords | | |
| <i>Paper Birch</i> | | <i>Sawtimber</i> | 0.3 | MBF | | |
| <i>Balsam Fir</i> | | <i>Pulpwood</i> | 24 | Cords | | |
| <i>Black Spruce</i> | | | 4 | Cords | | |
| <i>Paper Birch</i> | | | 1 | Cords | | |
| Mixed Aspen | | | 140 | Cords | | |
| <i>Quaking Aspen</i> | | | 140 | Cords | | |

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

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE | | | |
|---------|-------------------------|------------------|------------|--------------|-------|-----------------|-------|--|--|
| 4 con't | Mixed Hardwood | Pulpwood | 12 | Cords | | | | | |
| | <i>Black Cherry</i> | | 6 | <i>Cords</i> | | | | | |
| | <i>Red Maple</i> | | 5 | <i>Cords</i> | | | | | |
| | <i>White Oak</i> | | 1 | <i>Cords</i> | | | | | |
| | Red Pine | | 12 | Cords | | | | | |
| | White Pine | | 31 | Cords | | | | | |
| 5 | Jack Pine | Sawtimber | 0.1 | MBF | 35.4 | \$14,932.25 | | | |
| | Quaking Aspen | | 57.1 | MBF | | | | | |
| | Red Pine | | 14.8 | MBF | | | | | |
| | White Oak | | 0.5 | MBF | | | | | |
| | White Pine | | 9.7 | MBF | | | | | |
| | Jack Pine | Pulpwood | 68 | Cords | | | | | |
| | Misc. Species 1 | | 58 | Cords | | | | | |
| | <i>Balsam Fir</i> | <i>Sawtimber</i> | <i>0.5</i> | <i>MBF</i> | | | | | |
| | <i>Paper Birch</i> | | <i>0.6</i> | <i>MBF</i> | | | | | |
| | <i>Balsam Fir</i> | <i>Pulpwood</i> | <i>46</i> | <i>Cords</i> | | | | | |
| | <i>Black Spruce</i> | | <i>8</i> | <i>Cords</i> | | | | | |
| | <i>Paper Birch</i> | | <i>2</i> | <i>Cords</i> | | | | | |
| | Mixed Aspen | | 284 | Cords | | | | | |
| | <i>Quaking Aspen</i> | | <i>284</i> | <i>Cords</i> | | | | | |
| | Mixed Hardwood | | 32 | Cords | | | | | |
| | <i>Northern Pin Oak</i> | <i>Sawtimber</i> | <i>0.9</i> | <i>MBF</i> | | | | | |
| | <i>Black Cherry</i> | <i>Pulpwood</i> | <i>16</i> | <i>Cords</i> | | | | | |
| | <i>Northern Pin Oak</i> | | <i>2</i> | <i>Cords</i> | | | | | |
| | <i>Red Maple</i> | | <i>10</i> | <i>Cords</i> | | | | | |
| | <i>White Oak</i> | | <i>2</i> | <i>Cords</i> | | | | | |
| | Red Pine | | 30 | Cords | | | | | |
| | White Pine | | 31 | Cords | | | | | |
| | TOTAL: | | | 401.9 | | | MBF | | |
| | TOTAL: | | | 2,210 | | | Cords | | |

Sale Specific Conditions & Requirements

Sale Name: Pickeral Lake Mix

Sale Number: 72-021-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. There are unpainted Payment Unit boundaries that are identified by the pipeline. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 2-5, cut all trees that are two (2) inches or more at DBH, except any pine greater than 26" at DBH.

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

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

2.1.11 - Description of timber note (2/04)

Note that Mixed Hardwood Pulp contains pin oak, hybrid oak, white oak, black cherry, and red maple. Also, Misc. Species 1 market group contains balsam fir, paper birch, and black spruce.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within Payment Unit 1, if more than 25% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$200 per acre for all acreage within that specified portion of the Sale Area that was damaged. Saplings that are cut cleanly in skid trails will not be counted as damaged timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

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

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

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

4.1.11 - Permits (2/12)

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

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.1 - Notification

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company and MISS DIG 14 days prior to operating equipment in the vicinity of well heads or natural gas pipelines.

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

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the pipeline R.O.W. for operations. Contact Enbridge Inc.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.2 - 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.

5.2.2.2 - Snag tree creation (1) (2/04)

Trees marked with 2 horizontal lines must be girdled by making two saw cuts, 2 inches deep completely around the tree. The tree must be left standing.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 3, 4, and 5 cutting and skidding operations are limited to November 1 - April 1. This restriction is placed to help maximize regeneration.

5.2.3.5 - Oak wilt restriction (1/18)

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

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and down creation, grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 3, 4, and 5, leave one 12" or larger diameter (or largest

diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These trees will be evenly scattered throughout the Payment Unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

5.2.32 - 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.

5.2.40 - Pathway protection (10/10)

The Shore-To-Shore Trail is a hiking and horse trail that is shown on the Timber Sale Map. This trail is also identified as Pickeral Lake Road. Do not damage posts with blue pathway markers. Trees with blue pathway markers may be cut above the blue markers. Maintain a 20-foot-wide slash, debris, and rut free zone daily, using the pathway as the centerline. Skidding across the Trail/Road may only occur in locations approved by the sale administrator. Do not operate equipment along the trail (Pickeral Lake Road) during scheduled trail rides. The sale administrator will provide a minimum of two week's notice of when the scheduled trail rides are to occur.

5.2.41 - Snowmobile trail protection (9/11)

LP Tail 4 is a snowmobile trail 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, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. 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. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31 without written permission of the Unit Manager. 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.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Pickeral Lake Road (also the Shore-to-Shore Recreation Trail) 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 the LP 4 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.



TIMBER SALE MAP

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

| | | | | | |
|------------------------------------|------------------|--|-------------------|-----------|---------|
| Forest Management Unit Grayling | County Oscoda | Mapped By Trevor Kubitskey | Date 9/15/2021 | Page 1 | of 1 |
| Township 28N | Range 01E | Section(s) and Subdivision(s) Sec 7: SESE, Sec 8: SWSW, Sec 17: NWNW, Sec 18: NENW, S1/2NW, N1/2NE, SW, SE | Scale 1:15,840 | | |

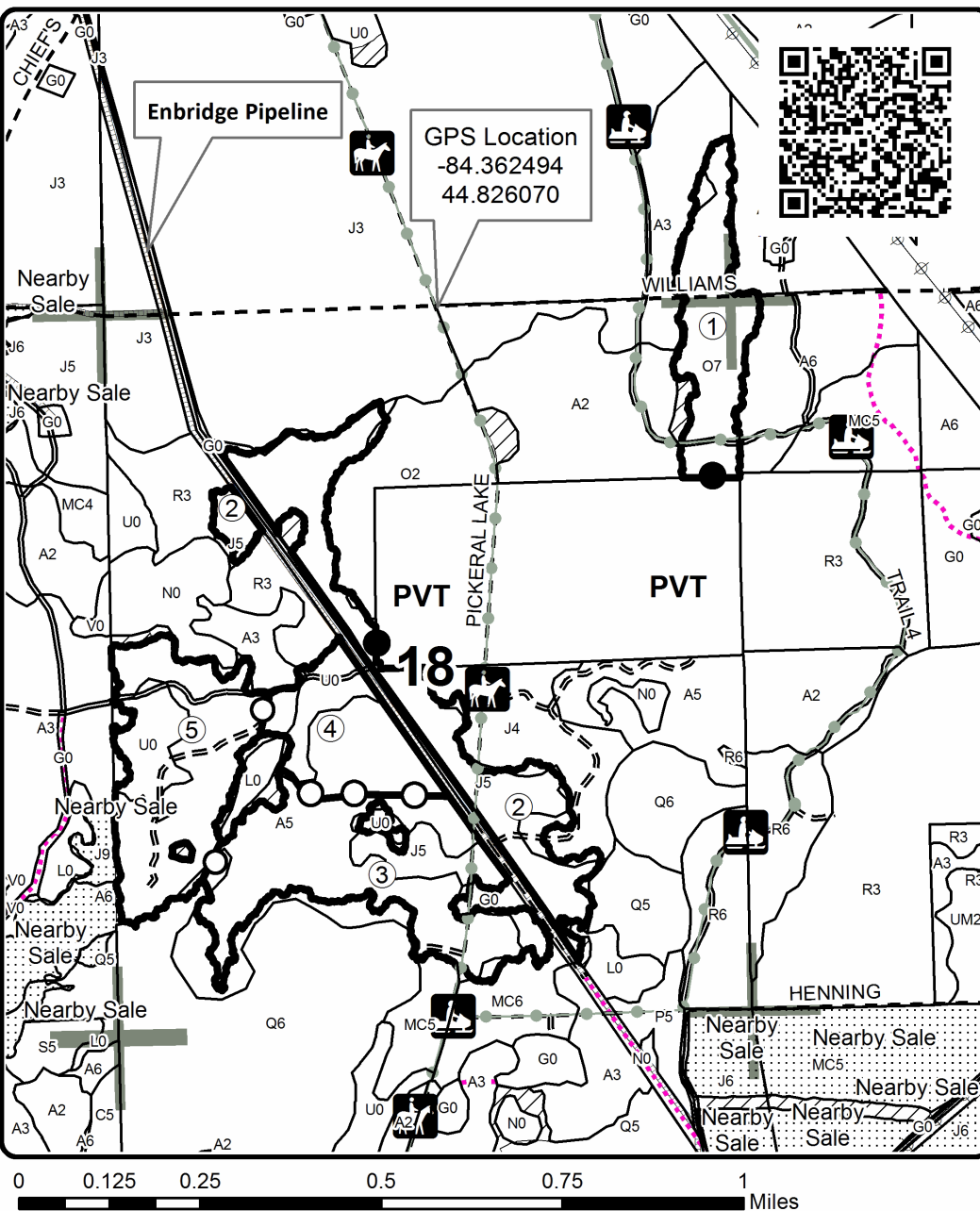
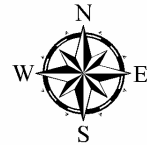
| Cover Type | | | | Density | | | |
|-------------------|----------------------|-------------------------|-------------------|-----------------------------|------------------------|--|--|
| A = Aspen | H = Hemlock | N = Marsh | U = Upland Brush | 0 = Non Stocked | 5 = Pole Timber Medium | | |
| B =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

| PU | Acres | PU | Acres |
|----|-------|----|-------|
| 1 | 21.6 | 4 | 19.9 |
| 2 | 38 | 5 | 35.4 |
| 3 | 43.1 | | |

Pickeral Lake Mix

Compartment 21

158 Acres

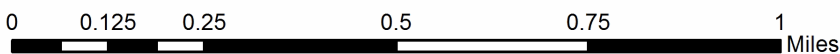
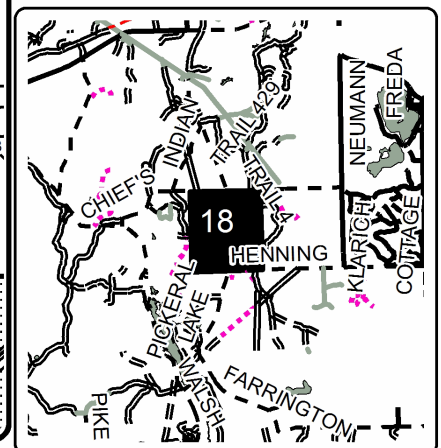


Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- ▨ Retention Area
- ▤ Nearby Timber Sales
- ▭ Stand Boundaries
- Recreational Trail
- Secondary Forest Road
- Forest Access Route
- - Gravel Road
- Private
- Temporary Management Access
- Pipeline
- ⊕ Powerline
- Section Corners
- ② Payment Unit

PVT Private Property

Locator Map
1:150,000



TIMBER SALE INFORMATION

Which Way Pine (72-022-21)

T28N, R01E, SEC. 17; T28N, R01E, SEC. 18; T28N, R01E, SEC. 19; T28N, R01E, SEC. 20.
Oscoda County (Advertised Price \$64,662.00)

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

- See sale specs 5.2.41 and 6.2.2 for information on local snowmobile trail.

- See sale spec 2.2.10 for information on chipping of top restrictions.

Large sale size.

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 | | |
| Mixed Oak | 19.0 MBF | \$ 91.00 / MBF |
| Red Maple | 10.3 MBF | \$ 44.00 / MBF |
| Red Pine | 221.4 MBF | \$ 81.00 / MBF |
| White Oak | 12.4 MBF | \$ 61.00 / MBF |
| Pulpwood | | |
| Balsam Fir | 76 Cords | \$ 8.25 / Cord |
| Jack Pine | 2,131 Cords | \$ 13.95 / Cord |
| Mixed Hardwood | 243 Cords | \$ 21.90 / Cord |
| Quaking Aspen | 104 Cords | \$ 22.65 / Cord |
| Red Pine | 199 Cords | \$ 28.25 / Cord |
| White Pine | 7 Cords | \$ 19.50 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 4.26 percent. There are an estimated 3,331 cords on this timber sale, plus or minus 142 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$3,233.00 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 | 20.7% |
| 02 | 21.7% |
| 03 | 3.6% |
| 04 | 15.2% |
| 05 | 17.2% |
| 06 | 8.6% |
| 07 | 13.0% |

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

SALE STATISTICS

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

SALE VOLUMES

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

| VOLUME | | | STATISTICAL RANGE IN CORDS | |
|------------------|-------------|---------------|----------------------------|---------|
| TOTAL CUBIC FEET | TOTAL CORDS | PERCENT ERROR | MINIMUM | MAXIMUM |
| 263,150 | 3,331 | 4.26% | 3,189 | 3,473 |

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 |
| 21 | 46,272 | 586 | 9.88% | 528 | 644 |
| 30 | 16,790 | 213 | 18.01% | 174 | 251 |
| 31 | 56,881 | 720 | 9.69% | 650 | 790 |
| 32 | 33,960 | 430 | 14.04% | 370 | 490 |
| 66 | 31,284 | 396 | 7.34% | 367 | 425 |
| 67 | 17,204 | 218 | 14.04% | 187 | 248 |
| 74 | 30,429 | 385 | 12.57% | 337 | 434 |
| 132 | 30,330 | 384 | 13.56% | 332 | 436 |
| TOTAL: | 263,150 | 3,331 | | 2,945 | 3,717 |

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 |
|---------------|--------------|----|--------------|
| 21 | 41.6 | 6 | 13.0 |
| | | 7 | 28.6 |
| 30 | 11.4 | 5 | 11.4 |
| | | 31 | 65.1 |
| 32 | 26.7 | 4 | 26.5 |
| | | 32 | 26.7 |
| 66 | 36.3 | 4 | 11.2 |
| | | 3 | 14.0 |
| | | 6 | 14.4 |
| 67 | 10.2 | 7 | 7.9 |
| | | 5 | 10.2 |
| 74 | 18.8 | 1 | 18.8 |
| 132 | 25.2 | 1 | 25.2 |
| TOTAL: | 235.3 | | 235.3 |

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE |
|-------------------------|-------------------------|-----------|-----------|--------------|-------|-----------------|
| 1 | Red Maple | Sawtimber | 5.0 | MBF | 44.0 | \$13,415.55 |
| | Red Pine | | 38.1 | MBF | | |
| | White Oak | | 7.0 | MBF | | |
| | Balsam Fir | Pulpwood | 17 | Cords | | |
| | <i>Balsam Fir</i> | | 17 | <i>Cords</i> | | |
| | Jack Pine | | 535 | Cords | | |
| | <i>Jack Pine</i> | Sawtimber | 22.8 | <i>MBF</i> | | |
| | <i>Jack Pine</i> | Pulpwood | 489 | <i>Cords</i> | | |
| | Mixed Hardwood | | 73 | Cords | | |
| | <i>Northern Pin Oak</i> | | 31 | <i>Cords</i> | | |
| | <i>Red Maple</i> | | 11 | <i>Cords</i> | | |
| | <i>White Oak</i> | | 31 | <i>Cords</i> | | |
| | Red Pine | | 17 | Cords | | |
| | 2 | Mixed Oak | Sawtimber | 4.7 | | |
| <i>Northern Pin Oak</i> | | | 4.7 | <i>MBF</i> | | |
| Red Pine | | | 60.9 | MBF | | |
| Balsam Fir | | Pulpwood | 5 | Cords | | |
| <i>Balsam Fir</i> | | Sawtimber | 1.5 | <i>MBF</i> | | |
| <i>Balsam Fir</i> | | Pulpwood | 2 | <i>Cords</i> | | |
| Jack Pine | | | 420 | Cords | | |
| <i>Jack Pine</i> | | Sawtimber | 10.7 | <i>MBF</i> | | |
| <i>Jack Pine</i> | | Pulpwood | 399 | <i>Cords</i> | | |
| Mixed Hardwood | | | 40 | Cords | | |
| <i>Black Cherry</i> | | | 6 | <i>Cords</i> | | |
| <i>Northern Pin Oak</i> | | | 32 | <i>Cords</i> | | |
| <i>White Oak</i> | | | 2 | <i>Cords</i> | | |
| Quaking Aspen | | | 25 | Cords | | |
| <i>Quaking Aspen</i> | | | 25 | <i>Cords</i> | | |
| Red Pine | | | 47 | Cords | | |
| 3 | Red Pine | Sawtimber | 3.1 | MBF | 14.0 | \$2,308.85 |
| | Balsam Fir | Pulpwood | 3 | Cords | | |
| | <i>Balsam Fir</i> | | 3 | <i>Cords</i> | | |
| | Jack Pine | | 118 | Cords | | |
| | <i>Jack Pine</i> | | 118 | <i>Cords</i> | | |
| | Mixed Hardwood | | 5 | Cords | | |
| | <i>Bl/R/Hybrid Oak</i> | | 3 | <i>Cords</i> | | |
| | <i>Red Maple</i> | | 2 | <i>Cords</i> | | |
| | Quaking Aspen | | 11 | Cords | | |
| | <i>Quaking Aspen</i> | | 11 | <i>Cords</i> | | |
| | Red Pine | | 1 | Cords | | |
| 4 | Mixed Oak | Sawtimber | 3.3 | MBF | 37.7 | \$9,797.80 |
| | <i>Northern Pin Oak</i> | | 3.3 | <i>MBF</i> | | |
| | Red Pine | | 42.9 | MBF | | |
| | Balsam Fir | Pulpwood | 4 | Cords | | |
| | <i>Balsam Fir</i> | Sawtimber | 1.0 | <i>MBF</i> | | |
| | <i>Balsam Fir</i> | Pulpwood | 2 | <i>Cords</i> | | |
| | Jack Pine | | 293 | Cords | | |
| | <i>Jack Pine</i> | Sawtimber | 7.7 | <i>MBF</i> | | |
| | <i>Jack Pine</i> | Pulpwood | 278 | <i>Cords</i> | | |
| | Mixed Hardwood | | 28 | Cords | | |
| | <i>Black Cherry</i> | | 4 | <i>Cords</i> | | |
| | <i>Northern Pin Oak</i> | | 22 | <i>Cords</i> | | |
| | <i>White Oak</i> | | 2 | <i>Cords</i> | | |
| | Quaking Aspen | | 17 | Cords | | |
| | <i>Quaking Aspen</i> | | 17 | <i>Cords</i> | | |
| | Red Pine | | 32 | Cords | | |

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

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE |
|------------------------|------------------------|------------------|-----------|--------------|-------|-----------------|
| 5 | Mixed Oak | Sawtimber | 6.6 | MBF | 21.6 | \$11,150.05 |
| | <i>BI/R/Hybrid Oak</i> | | 6.6 | <i>MBF</i> | | |
| | Red Maple | | 1.7 | MBF | | |
| | Red Pine | | 63.2 | MBF | | |
| | Balsam Fir | Pulpwood | 14 | Cords | | |
| | <i>Balsam Fir</i> | <i>Sawtimber</i> | 2.9 | <i>MBF</i> | | |
| | <i>Balsam Fir</i> | <i>Pulpwood</i> | 8 | <i>Cords</i> | | |
| | Jack Pine | | 123 | Cords | | |
| | <i>Jack Pine</i> | <i>Sawtimber</i> | 8.1 | <i>MBF</i> | | |
| | <i>Jack Pine</i> | <i>Pulpwood</i> | 107 | <i>Cords</i> | | |
| | Mixed Hardwood | | 13 | Cords | | |
| | <i>BI/R/Hybrid Oak</i> | | 8 | <i>Cords</i> | | |
| | <i>Red Maple</i> | | 5 | <i>Cords</i> | | |
| | Quaking Aspen | | 21 | Cords | | |
| | <i>Quaking Aspen</i> | | 21 | <i>Cords</i> | | |
| | Red Pine | | 93 | Cords | | |
| | White Pine | | 7 | Cords | | |
| | <i>White Pine</i> | <i>Sawtimber</i> | 0.9 | <i>MBF</i> | | |
| | <i>White Pine</i> | <i>Pulpwood</i> | 5 | <i>Cords</i> | | |
| | 6 | Mixed Oak | Sawtimber | 1.4 | | |
| <i>BI/R/Hybrid Oak</i> | | | 1.4 | <i>MBF</i> | | |
| Red Maple | | | 1.1 | MBF | | |
| Red Pine | | | 5.8 | MBF | | |
| White Oak | | | 1.7 | MBF | | |
| Balsam Fir | | Pulpwood | 12 | Cords | | |
| <i>Balsam Fir</i> | | | 12 | <i>Cords</i> | | |
| Jack Pine | | | 263 | Cords | | |
| <i>Jack Pine</i> | | <i>Sawtimber</i> | 23.5 | <i>MBF</i> | | |
| <i>Jack Pine</i> | | <i>Pulpwood</i> | 216 | <i>Cords</i> | | |
| Mixed Hardwood | | | 28 | Cords | | |
| <i>BI/R/Hybrid Oak</i> | | | 17 | <i>Cords</i> | | |
| <i>Red Maple</i> | | | 4 | <i>Cords</i> | | |
| <i>White Oak</i> | | | 7 | <i>Cords</i> | | |
| Quaking Aspen | | | 15 | Cords | | |
| <i>Quaking Aspen</i> | | <i>Sawtimber</i> | 0.7 | <i>MBF</i> | | |
| <i>Quaking Aspen</i> | | <i>Pulpwood</i> | 14 | <i>Cords</i> | | |
| Red Pine | | | 3 | Cords | | |
| 7 | Mixed Oak | Sawtimber | 3.0 | MBF | 36.5 | \$8,390.10 |
| | <i>BI/R/Hybrid Oak</i> | | 3.0 | <i>MBF</i> | | |
| | Red Maple | | 2.5 | MBF | | |
| | Red Pine | | 7.4 | MBF | | |
| | White Oak | | 3.7 | MBF | | |
| | Balsam Fir | Pulpwood | 21 | Cords | | |
| | <i>Balsam Fir</i> | | 21 | <i>Cords</i> | | |
| | Jack Pine | | 378 | Cords | | |
| | <i>Jack Pine</i> | <i>Sawtimber</i> | 51.6 | <i>MBF</i> | | |
| | <i>Jack Pine</i> | <i>Pulpwood</i> | 275 | <i>Cords</i> | | |
| | Mixed Hardwood | | 56 | Cords | | |
| | <i>BI/R/Hybrid Oak</i> | | 33 | <i>Cords</i> | | |
| | <i>Red Maple</i> | | 7 | <i>Cords</i> | | |
| | <i>White Oak</i> | | 16 | <i>Cords</i> | | |
| | Quaking Aspen | | 15 | Cords | | |
| | <i>Quaking Aspen</i> | <i>Sawtimber</i> | 1.5 | <i>MBF</i> | | |
| | <i>Quaking Aspen</i> | <i>Pulpwood</i> | 12 | <i>Cords</i> | | |
| | Red Pine | | 6 | Cords | | |

| | | |
|--------|-------|-----|
| TOTAL: | 263.1 | MBF |
|--------|-------|-----|

| | | |
|--------|-------|-------|
| TOTAL: | 2,759 | Cords |
|--------|-------|-------|

Sale Specific Conditions & Requirements

Sale Name: Which Way Pine

Sale Number: 72-022-21 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The powerline is an unpainted Payment Unit boundary. The retention islands between Payment Units 6 and 7, and 4 and 2 are designated as a Payment Unit boundary. The north/south road along the east side of Payment Unit 3 is an unpainted Payment Unit boundary. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-7, cut all trees that are two (2) inches or more at DBH, except any pine greater than 26" at DBH.

2.1.11 - Description of timber note (2/04)

Note that mixed Hardwood pulpwood contains hybrid oak, pin oak, white oak, red maple, and black cherry. Also note that mixed oak Sawtimber includes black/red hybrid and pin oak.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is to facilitate planting operations. If harvested with snow on conditions, the Purchaser may be required to come back after snowmelt to cut stumps to specified height.

2.2.10 - No chipping tops and limbs (8/16)

Within Payment Unit(s) 1-7, chipping of tops is not permitted. Limbs and the remaining top must be left on site and scattered.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

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

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be 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 chipped, utilized, or otherwise removed from the sale. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

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

4.1.11 - Permits (2/12)

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

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.1 - Notification

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company and MISS DIG 14 days prior to operating equipment in the vicinity of well heads or natural gas pipelines.

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

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the R.O.W. for operations.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, the Sale Area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. 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.

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

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.32 - 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.

5.2.41 - Snowmobile trail protection (9/11)

Snowmobile trail LP 4_9 is within the vicinity and runs down Henning Road. This 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, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. 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 will not be used between December 1 and March 31 without written approval from the Unit Manager. No decking of forest products will be permitted along the snowmobile trail.

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

5.8.1 - Kirtland's warbler (1) (10/12)

This sale is adjacent to a young jack pine stand which may be used by the endangered Kirtland's Warbler. The Department reserves the right to temporarily restrict all harvesting operations in a buffer zone of up to 500 feet if it is determined that Warbler territory has been established in the adjacent stand. The restricted period, if put into effect, would apply from May 1 to August 15.

5.8.5 - Protection of raptor nests (3/13)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Henning 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.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on LP 4_9 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. This is only required if the haul route utilizes the portion of the snowmobile trail along Henning Road.



TIMBER SALE MAP

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

| | | | | | |
|------------------------------------|------------------|--|-------------------|-----------|---------|
| Forest Management Unit Grayling | County Oscoda | Mapped By Kubitskey | Date 9/29/2021 | Page 1 | of 1 |
| Township 28N | Range 01E | Section(s) and Subdivision(s) Sec. 17 S1/2SW, Sec. 18 SESE, Sec. 19 E1/2NE, Sec. 20 NW, N1/2SW, SESW, W1/2SE | Scale 1:15,840 | | |

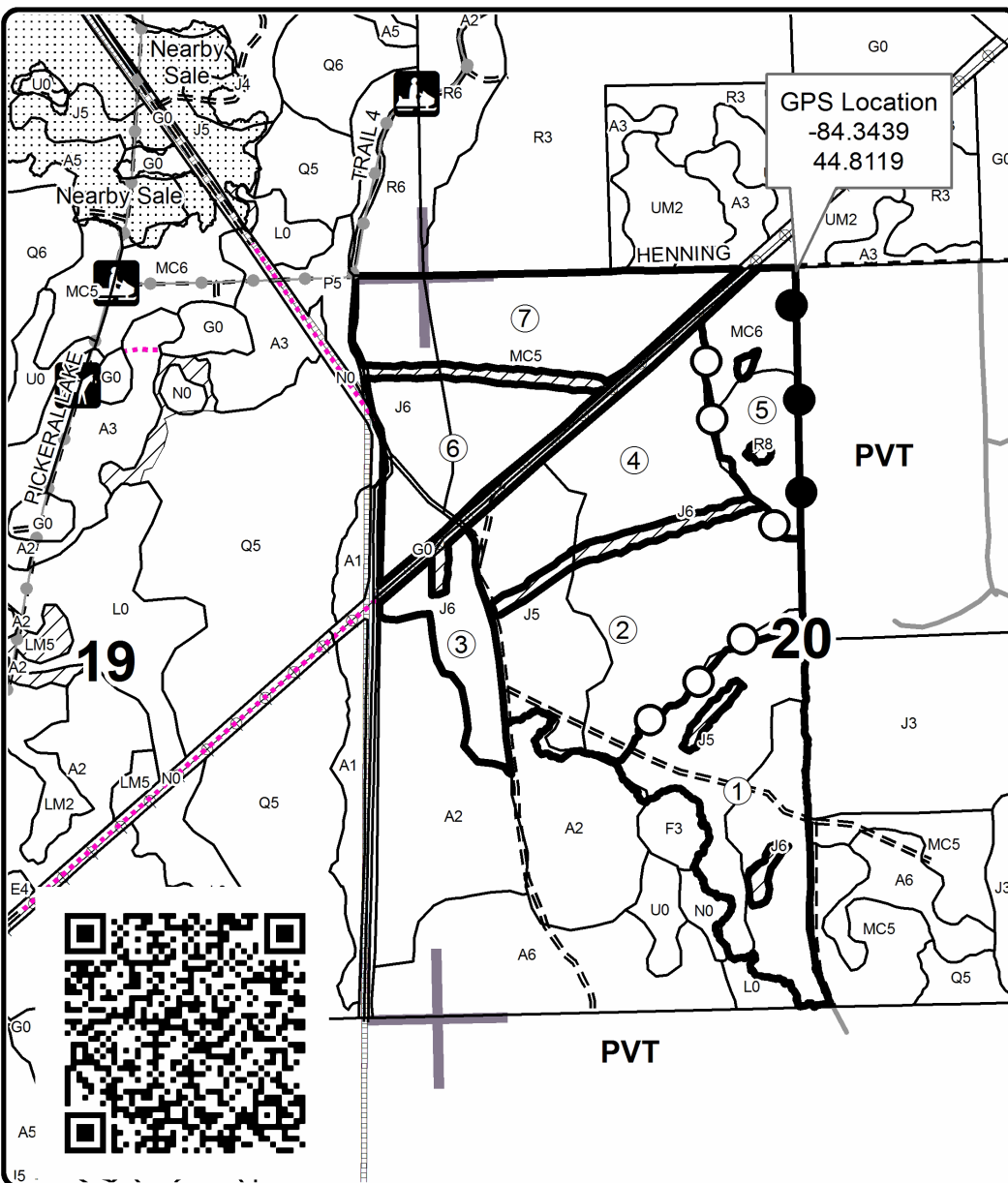
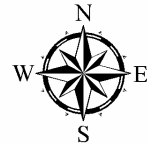
| Cover Type | | | | Density | | | |
|-------------------|----------------------|-------------------------|-------------------|-----------------------------|------------------------|--|--|
| A = Aspen | H = Hemlock | N = Marsh | U = Upland Brush | 0 = Non Stocked | 5 = Pole Timber Medium | | |
| B =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

| PU | Acres | PU | Acres |
|----|-------|----|-------|
| 1 | 44 | 5 | 21.6 |
| 2 | 54.1 | 6 | 27.4 |
| 3 | 14 | 7 | 36.5 |
| 4 | 37.7 | | |

Which Way Pine

Compartment 21

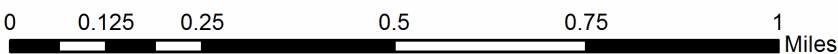
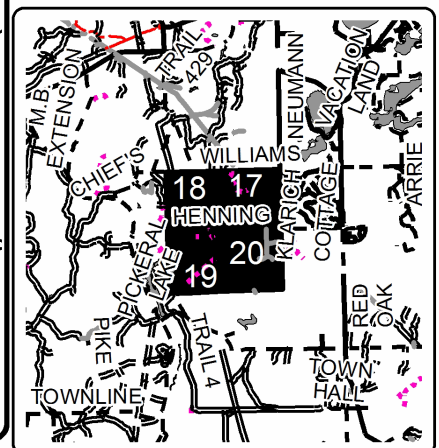
235.3 Acres



Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Retention Area
- Nearby Timber Sales
- Stand Boundaries
- Recreational Trail
- Secondary Forest Road
- Forest Access Route
- Gravel Road
- Private
- Temporary Management Access
- Section Corners
- Pipeline
- Powerline
- PVT Private Property
- Payment Unit

Locator Map
1:200,000



Ruffled Oak Mix (72-014-21)

T28N, R02E, SEC. 10; T28N, R02E, SEC. 11; T28N, R02E, SEC. 14; T28N, R02E,

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

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> | <u>BID PRICE/UNIT</u> |
|-------------------------------|--------------------------|-------------------------|-----------------------|
| Sawtimber | | | |
| Bl/R/Hybrid Oak | 197.1 MBF | \$ 100.00/MBF | \$ _____ |
| Mixed Aspen | 116.4 MBF | \$ 50.00/MBF | \$ _____ |
| Red Maple | 31.0 MBF | \$ 48.00/MBF | \$ _____ |
| Red Pine | 23.9 MBF | \$ 89.00/MBF | \$ _____ |
| Pulpwood | | | |
| Bl/R/Hybrid Oak | 335 Cords | \$ 23.20/Cord | \$ _____ |
| Jack Pine | 11 Cords | \$ 15.35/Cord | \$ _____ |
| Mixed Aspen | 180 Cords | \$ 24.90/Cord | \$ _____ |
| Red Maple | 196 Cords | \$ 24.10/Cord | \$ _____ |
| Red Pine | 65 Cords | \$ 31.10/Cord | \$ _____ |
| White Pine | 29 Cords | \$ 21.45/Cord | \$ _____ |

*The volumes are statistically estimated within plus (+) or minus (-) 7.78 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

Granholm Oak (72-015-21)
T28N, R02E, SEC. 10; T28N, R02E, SEC. 3; Oscoda COUNTY

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

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> | <u>BID PRICE/UNIT</u> |
|-------------------------------|--------------------------|-------------------------|-----------------------|
| Sawtimber | | | |
| Bl/R/Hybrid Oak | 255.9 MBF | \$ 100.00/MBF | \$ _____ |
| Mixed Aspen | 21.9 MBF | \$ 50.00/MBF | \$ _____ |
| Red Maple | 2.4 MBF | \$ 41.00/MBF | \$ _____ |
| Red Pine | 51.5 MBF | \$ 89.00/MBF | \$ _____ |
| Sugar Maple | 5.5 MBF | \$ 308.00/MBF | \$ _____ |
| Pulpwood | | | |
| Bl/R/Hybrid Oak | 301 Cords | \$ 23.20/Cord | \$ _____ |
| Mixed Aspen | 88 Cords | \$ 24.90/Cord | \$ _____ |
| Mixed Hardwood | 146 Cords | \$ 24.10/Cord | \$ _____ |
| Red Pine | 63 Cords | \$ 31.10/Cord | \$ _____ |
| White Pine | 41 Cords | \$ 21.45/Cord | \$ _____ |

*The volumes are statistically estimated within plus (+) or minus (-) 9.58 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

Centerline Red Pine (72-018-21)
T28N, R02E, SEC. 33; Oscoda COUNTY

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

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> | <u>BID PRICE/UNIT</u> |
|-------------------------------|--------------------------|-------------------------|-----------------------|
| Sawtimber | | | |
| B. T. Aspen | 19.9 MBF | \$ 54.00/MBF | \$ _____ |
| Mixed Oak | 61.5 MBF | \$ 109.00/MBF | \$ _____ |
| Red Maple | 15.5 MBF | \$ 53.00/MBF | \$ _____ |
| Red Pine | 420.4 MBF | \$ 97.00/MBF | \$ _____ |
| White Pine | 77.3 MBF | \$ 64.00/MBF | \$ _____ |
| Pulpwood | | | |
| B. T. Aspen | 151 Cords | \$ 27.15/Cord | \$ _____ |
| Mixed Hardwood | 329 Cords | \$ 26.25/Cord | \$ _____ |
| Quaking Aspen | 148 Cords | \$ 27.15/Cord | \$ _____ |
| Red Pine | 397 Cords | \$ 33.90/Cord | \$ _____ |
| White Pine | 111 Cords | \$ 23.40/Cord | \$ _____ |

*The volumes are statistically estimated within plus (+) or minus (-) 5.78 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



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.

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

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

Pearly Poplar (72-019-21)
T27N, R02E, SEC. 4; Oscoda COUNTY

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

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> | <u>BID PRICE/UNIT</u> |
|-------------------------------|--------------------------|-------------------------|-----------------------|
| Sawtimber | | | |
| Bl/R/Hybrid Oak | 150.8 MBF | \$ 109.00/MBF | \$ _____ |
| Mixed Aspen | 290.3 MBF | \$ 54.00/MBF | \$ _____ |
| Red Maple | 26.0 MBF | \$ 45.00/MBF | \$ _____ |
| Red Pine | 39.7 MBF | \$ 97.00/MBF | \$ _____ |
| Pulpwood | | | |
| Bl/R/Hybrid Oak | 202 Cords | \$ 25.35/Cord | \$ _____ |
| Mixed Aspen | 494 Cords | \$ 27.15/Cord | \$ _____ |
| Mixed Hardwood | 256 Cords | \$ 26.25/Cord | \$ _____ |
| Paper Birch | 22 Cords | \$ 16.30/Cord | \$ _____ |
| Red Pine | 16 Cords | \$ 33.90/Cord | \$ _____ |
| White Pine | 30 Cords | \$ 23.40/Cord | \$ _____ |

*The volumes are statistically estimated within plus (+) or minus (-) 6.74 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

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

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

Phone number : _____ Email (optional): _____

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



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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

*As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.*

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation

2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.

3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

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

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Pickeral Lake Mix (72-021-21)

T28N, R01E, SEC. 17; T28N, R01E, SEC. 18; T28N, R01E, SEC. 7; T28N, R01E,

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

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> | <u>BID PRICE/UNIT</u> |
|-------------------------------|--------------------------|-------------------------|-----------------------|
| Sawtimber | | | |
| Bl/R/Hybrid Oak | 14.6 MBF | \$ 100.00/MBF | \$ _____ |
| Jack Pine | 69.1 MBF | \$ 31.00/MBF | \$ _____ |
| Quaking Aspen | 167.1 MBF | \$ 37.00/MBF | \$ _____ |
| Red Maple | 12.2 MBF | \$ 48.00/MBF | \$ _____ |
| Red Pine | 90.1 MBF | \$ 89.00/MBF | \$ _____ |
| White Oak | 32.6 MBF | \$ 67.00/MBF | \$ _____ |
| White Pine | 16.2 MBF | \$ 59.00/MBF | \$ _____ |
| Pulpwood | | | |
| Jack Pine | 776 Cords | \$ 15.35/Cord | \$ _____ |
| Misc. Species 1 | 195 Cords | \$ 7.05/Cord | \$ _____ |
| Mixed Aspen | 825 Cords | \$ 24.90/Cord | \$ _____ |
| Mixed Hardwood | 209 Cords | \$ 24.10/Cord | \$ _____ |
| Red Pine | 110 Cords | \$ 31.10/Cord | \$ _____ |
| White Pine | 95 Cords | \$ 21.45/Cord | \$ _____ |

*The volumes are statistically estimated within plus (+) or minus (-) 4.88 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

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

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

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

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

Phone number : _____ Email (optional): _____

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



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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

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

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Which Way Pine (72-022-21)

T28N, R01E, SEC. 17; T28N, R01E, SEC. 18; T28N, R01E, SEC. 19; T28N, R01E,

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

| <u>PRODUCTS & SPECIES</u> | <u>ESTIMATED VOLUME*</u> | <u>ADVERTISED PRICE</u> | <u>BID PRICE/UNIT</u> |
|-------------------------------|--------------------------|-------------------------|-----------------------|
| Sawtimber | | | |
| Mixed Oak | 19.0 MBF | \$ 91.00/MBF | \$ _____ |
| Red Maple | 10.3 MBF | \$ 44.00/MBF | \$ _____ |
| Red Pine | 221.4 MBF | \$ 81.00/MBF | \$ _____ |
| White Oak | 12.4 MBF | \$ 61.00/MBF | \$ _____ |
| Pulpwood | | | |
| Balsam Fir | 76 Cords | \$ 8.25/Cord | \$ _____ |
| Jack Pine | 2,131 Cords | \$ 13.95/Cord | \$ _____ |
| Mixed Hardwood | 243 Cords | \$ 21.90/Cord | \$ _____ |
| Quaking Aspen | 104 Cords | \$ 22.65/Cord | \$ _____ |
| Red Pine | 199 Cords | \$ 28.25/Cord | \$ _____ |
| White Pine | 7 Cords | \$ 19.50/Cord | \$ _____ |

*The volumes are statistically estimated within plus (+) or minus (-) 4.26 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