



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6996

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on January 20, 2022.

LOCATION: NEWBERRY MGMT UNIT, 5666 S STATE HWY M 123, NEWBERRY, MI 49868.

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

Smoke Out the Ears Red Pine (42-002-21) / T45N, R09W, SEC. 20, S1/2SW.

T45N, R09W, SEC. 29, N1/2NW, SENW.

Luce County, Advertised Price \$118,614.15, 80.5 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.

The following road maintenance may be needed: cleaning of drainage areas, grading, crowning and filling with gravel, if necessary.

The McLeod Road is an ORV trail or route and is shown on the Timber Sale Map. See Sale Spec. 4.2.39 for additional information.

The Newberry-Rexton Motorcycle Trail is a motorcycle trail and is shown on the Timber Sale Map. See Sale Spec. 5.2.40 for restrictions.

The McLeod Road is a snowmobile trail and is shown on the Timber Sale Map. See Sale Spec. 5.2.41 for additional information.

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.

Linton Roadside Mix (42-016-21) / T48N, R08W, SEC. 10, S1/2SW.

T48N, R08W, SEC. 15, SWSW.

T48N, R08W, SEC. 16, NENW,SESE.

T48N, R08W, SEC. 21, NENE.

T48N, R08W, SEC. 22, NWNW.

T48N, R08W, SEC. 8 , SENE,SESE.

T48N, R08W, SEC. 9 , SWNW,NWSW,S1/2SW,S1/2SE.

Luce County, Advertised Price \$35,563.30, 70.5 Acres, Aspen, Spruce/Fir/Tamarack.

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

Road maintenance may be required. See Sale Spec. 4.2.3 for additional information.

The Michigan Department of Transportation (MDOT) must be contacted prior to harvesting timber within the MDOT right-of-way. The DNR will secure any necessary permits that may be needed to access the sale.

No Payment Unit may be harvested during the period of September 15 through November 14 without permission of the Unit Manager or his/her representative. Sale falls within the Halifax GEM.

Some roads or skid trails require extra protection such as that afforded by interlocking composite mats or another approved system. If available, mats may be borrowed from the DNR. See Sale Spec 5.2.17 for details.

It is recommended that harvesting occur during dry summer or frozen winter conditions due to the low/wet nature of the soil types. Tracked equipment is recommended.

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.

C65 Ridges (42-027-21) / T49N, R06W, SEC. 20, E1/2NW,NE.

Chippewa County, Advertised Price \$26,428.05, 68.3 Acres, Jack Pine, White 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.

Note that sale units have red pine and white pine saw log volume. This volume was combined with the pulp volume and grouped together as cords in a combined market group.

No new roads will be permitted in any Payment Unit and longer skids will be necessary. See Sale Spec. 4.1.12 for additional information.

A snowmobile trail and is shown on the Timber Sale Map. See Sale Spec. 5.2.41 for restrictions.

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.

Who Let the Cows Out (42-028-21) / T45N, R10W, SEC. 4 , SWNW.

T45N, R10W, SEC. 5 , NWNW,SENE.

T45N, R10W, SEC. 6 , SENE.

Luce County, Advertised Price \$19,391.00, 44.6 Acres, Spruce/Fir/Tamarack, N White Cedar.

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

Permission for access across private land is the responsibility of the Purchaser. A copy of written permission must be provided to the DNR (Newberry Unit) prior to bid opening. If this permission is not provided, the bid will be rejected.

Note that mixed Aspen includes quaking and big tooth. Mixed Hardwoods includes red maple, ironwood and paper birch.

The sale area cannot be accessed without permission from the adjacent landowner bordering the sale. See Sale Spec. 4.4.4 and 4.4.3 for specifics.

Within Payment Unit(s) #'s 2 and 3, harvesting is limited to the period of December 15 to April 1 because of low, wet ground.

Access may be through private land.

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

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

Bids must be received by the Unit Manager, NEWBERRY OFFICE, 5666 S STATE HWY M 123, NEWBERRY, MI 49868, no later than 3:00 p.m. (local time) on January 20, 2022. For further information concerning this sale, contact Keith Magnusson at 906-291-0120 extension n/a.

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

Smoke Out the Ears Red Pine (42-002-21)
 T45N, R09W, SEC. 20; T45N, R09W, SEC. 29.
 Luce County (Advertised Price \$ 118,614.15)

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

The following road maintenance may be needed: cleaning of drainage areas, grading, crowning and filling with gravel, if necessary.

The McLeod Road is an ORV trail or route and is shown on the Timber Sale Map. See Sale Spec. 4.2.39 for additional information.

The Newberry-Rexton Motorcycle Trail is a motorcycle trail and is shown on the Timber Sale Map. See Sale Spec. 5.2.40 for restrictions.

The McLeod Road is a snowmobile trail and is shown on the Timber Sale Map. See Sale Spec. 5.2.41 for additional information.

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		
Red Maple	18.0 MBF	\$ 73.00 / MBF
Red Oak	2.1 MBF	\$ 115.00 / MBF
Sugar Maple	13.1 MBF	\$ 206.00 / MBF
White Pine	6.3 MBF	\$ 43.00 / MBF
Pulpwood		
Balsam Fir	4 Cords	\$ 9.00 / Cord
Mixed Aspen	47 Cords	\$ 18.40 / Cord
Mixed Hardwood	180 Cords	\$ 10.65 / Cord
Red Pine	2,784 Cords	\$ 39.80 / Cord
White Pine	1 Cords	\$ 12.75 / Cord
White Spruce	23 Cords	\$ 19.80 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 5.51 percent. There are an estimated 3,284 cords on this timber sale, plus or minus 181 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 \$5,931.00 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	2.1%
02	40.8%
03	25.7%
04	31.4%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

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
259,411	3,284	5.51%	3,102	3,465

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
3	238,503	3,019	5.66%	2,848	3,190
301	7,858	99	20.00%	80	119
TOTAL:	246,361	3,118		2,928	3,309

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
3	77.3	1	0.2
		2	32.2
		3	20.2
		4	24.7
301	3.2	1	3.2
TOTAL:	80.5		80.5

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Sugar Maple	Sawtimber	4.0	MBF	3.4	\$2,500.35
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Aspen		29	Cords		
	<i>B. T. Aspen</i>		29	<i>Cords</i>		
	Mixed Hardwood		35	Cords		
	<i>Red Maple</i>		17	<i>Cords</i>		
	<i>Sugar Maple</i>		18	<i>Cords</i>		
	Red Pine		7	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	2.4	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	2	<i>Cords</i>		
	White Spruce		23	Cords		
2	Red Maple	Sawtimber	7.5	MBF	32.2	\$48,458.65
	Red Oak		0.9	MBF		
	Sugar Maple		3.8	MBF		
	White Pine		2.7	MBF		
	Mixed Aspen	Pulpwood	7	Cords		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		
	Mixed Hardwood		60	Cords		
	<i>Black Cherry</i>		11	<i>Cords</i>		
	<i>Red Maple</i>		26	<i>Cords</i>		
	<i>Sugar Maple</i>		23	<i>Cords</i>		
	Red Pine		1,159	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	383.7	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	392	<i>Cords</i>		
White Pine		1	Cords			
3	Red Maple	Sawtimber	4.7	MBF	20.2	\$30,434.90
	Red Oak		0.5	MBF		
	Sugar Maple		2.4	MBF		
	White Pine		1.6	MBF		
	Mixed Aspen	Pulpwood	5	Cords		
	<i>Quaking Aspen</i>		5	<i>Cords</i>		
	Mixed Hardwood		38	Cords		
	<i>Black Cherry</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		16	<i>Cords</i>		
	<i>Red Oak</i>		1	<i>Cords</i>		
	<i>Sugar Maple</i>		14	<i>Cords</i>		
	Red Pine		728	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	240.8	<i>MBF</i>		
<i>Red Pine</i>	<i>Pulpwood</i>	246	<i>Cords</i>			
4	Red Maple	Sawtimber	5.8	MBF	24.7	\$37,220.25
	Red Oak		0.7	MBF		
	Sugar Maple		2.9	MBF		
	White Pine		2.0	MBF		
	Mixed Aspen	Pulpwood	6	Cords		
	<i>Quaking Aspen</i>		6	<i>Cords</i>		
	Mixed Hardwood		47	Cords		
	<i>Black Cherry</i>		9	<i>Cords</i>		
	<i>Red Maple</i>		19	<i>Cords</i>		
	<i>Red Oak</i>		1	<i>Cords</i>		
	<i>Sugar Maple</i>		18	<i>Cords</i>		
	Red Pine		890	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	294.4	<i>MBF</i>		
<i>Red Pine</i>	<i>Pulpwood</i>	301	<i>Cords</i>			
TOTAL:			39.5	MBF		

TOTAL:	3,039 Cords
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Sale Specific Conditions & Requirements

Sale Name: Smoke Out the Ears Red Pine

Sale Number: 42-002-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by 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 painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-4, cut all trees that are two (2) inches or more at DBH.

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.

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)

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

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: cleaning of drainage areas, grading, crowning, and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.1.12 - Slash for prescribed burning (1/05)

To facilitate prescribed burning, slash shall be moved at least 20 feet inside the sale boundary.

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)

The McLeod Road is an ORV trail or route and is shown on the Timber Sale Map. Do not damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route.

5.2.40 - Pathway protection (10/10)

The Newberry-Rexton Motorcycle Trail is a motorcycle trail and is shown on the Timber Sale Map. Do not damage posts with orange pathway markers. Maintain a 20-foot-wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Any trees within 5 feet of the trail must be cut flush to the ground.

5.2.41 - Snowmobile trail protection (9/11)

The McLeod Road 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. 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. 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 McLeod Road and County Road 399 South prior to

beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.2 - Snowmobile trail posting (10/20)

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

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on The Newberry-Rexton Motorcycle Trail prior to beginning operations. The trail must be posted approximately 350 feet 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.



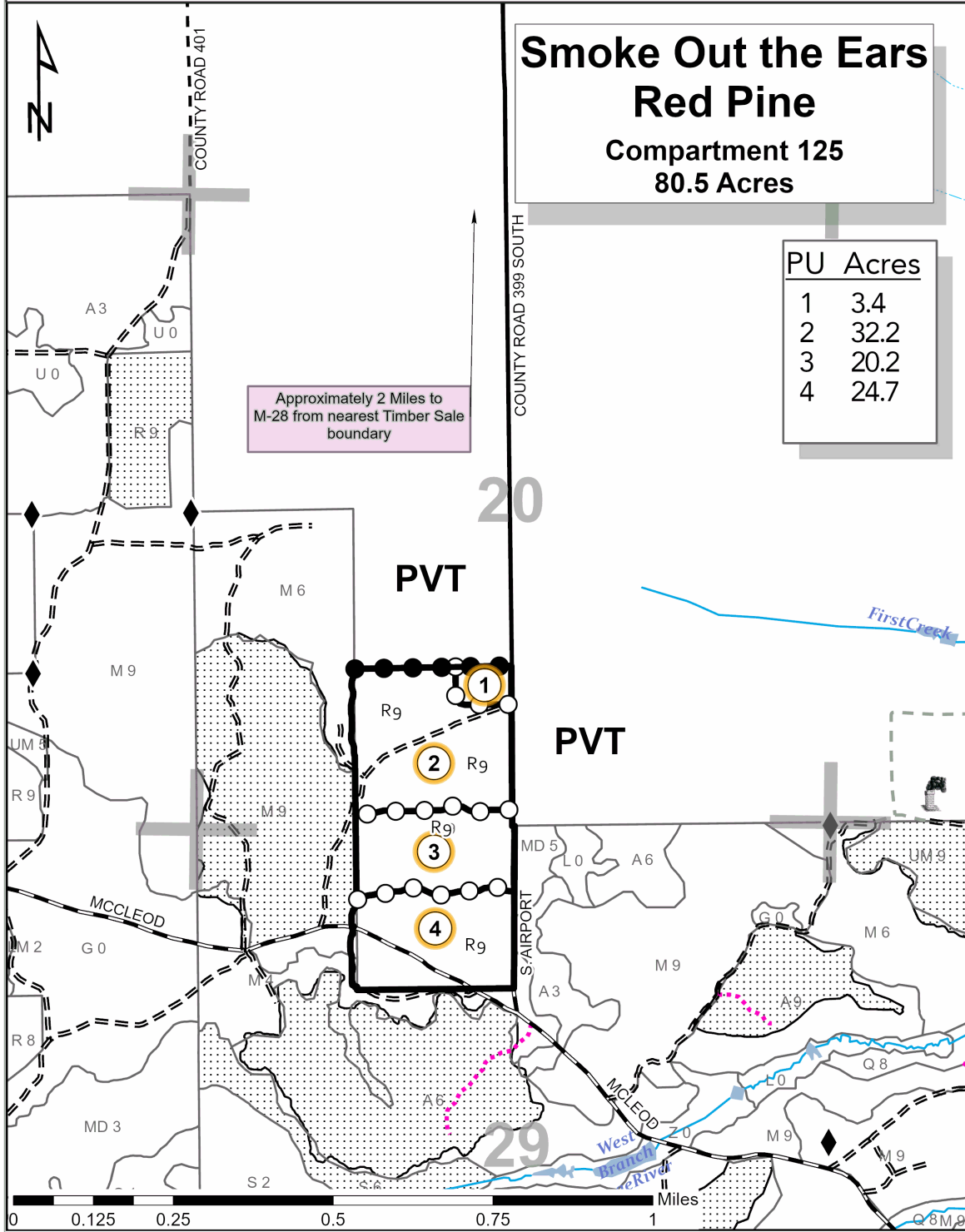
TIMBER SALE MAP

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

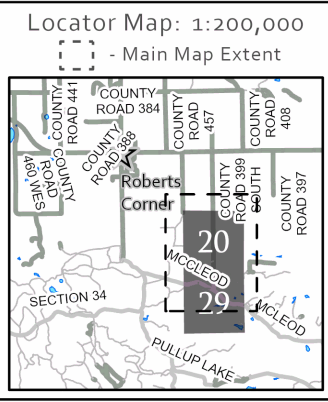
Sale Number	Year
42-002	21

Forest Management Unit Newberry	County Luce	Mapped By Livermore	Date 1/19/2021	Page 1	of 1
Township 45N	Range 09W	Section(s) and Subdivision(s) Section 20: S½SW Section 29: N½NW, SENW	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 = Tread 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			



- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Payment Unit Label
- Section Numbers
- Section Corners
- Survey Corners
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Nearby Timber Sale
- DNR - Primary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- Private - Dirt / Gravel Road
- DNR - Temporary Management Access



TIMBER SALE INFORMATION

Linton Roadside Mix (42-016-21)

T48N, R08W, SEC. 10; T48N, R08W, SEC. 15; T48N, R08W, SEC. 16; T48N, R08W, SEC. 21; T48N, R08W, SEC. 22; T48N, R08W, SEC. 8; T48N, R08W, SEC. 9.

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

Road maintenance may be required. See Sale Spec. 4.2.3 for additional information.

The Michigan Department of Transportation (MDOT) must be contacted prior to harvesting timber within the MDOT right-of-way. The DNR will secure any necessary permits that may be needed to access the sale.

No Payment Unit may be harvested during the period of September 15 through November 14 without permission of the Unit Manager or his/her representative. Sale falls within the Halifax GEM.

Some roads or skid trails require extra protection such as that afforded by interlocking composite mats or another approved system . If available, mats may be borrowed from the DNR. See Sale Spec 5.2.17 for details.

It is recommended that harvesting occur during dry summer or frozen winter conditions due to the low/wet nature of the soil types. Tracked equipment is recommended.

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		
Beech	1.6 MBF	\$ 30.00 / MBF
Red Maple	5.5 MBF	\$ 73.00 / MBF
White Pine	2.7 MBF	\$ 43.00 / MBF
Pulpwood		
Balsam Fir	249 Cords	\$ 9.00 / Cord
Jack Pine	12 Cords	\$ 17.40 / Cord
Mixed Hardwood	358 Cords	\$ 10.65 / Cord
Mixed Spruce	504 Cords	\$ 19.80 / Cord
N. White Cedar	111 Cords	\$ 4.85 / Cord
Quaking Aspen	954 Cords	\$ 18.40 / Cord
Red Pine	12 Cords	\$ 39.80 / Cord
Tamarack	6 Cords	\$ 3.45 / Cord
White Pine	13 Cords	\$ 12.75 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 5.80 percent. There are an estimated 2,205 cords on this timber sale, plus or minus 128 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$1,778.00 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	13.9%
02	18.4%
03	16.0%
04	14.6%
05	6.1%
06	9.8%
07	21.2%

4. If no cutting takes place, the 10% down payment will not be refunded.

5. Operations on the contract issued will terminate on 06/30/2026.

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
174,213	2,205	5.80%	2,077	2,333

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
20	11,043	140	22.36%	109	171
46	14,530	184	10.28%	165	203
48	34,179	433	10.23%	388	477
51	30,661	388	20.25%	310	467
57	58,987	747	9.67%	674	819
68	28,265	358	12.18%	314	401
TOTAL:	177,664	2,249		1,960	2,538

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
20	3.9	5	3.9
46	4.6	6	4.6
48	12.1	7	12.1
51	15.9	2	15.9
57	25.7	3	13.5
		4	12.2
68	8.3	1	8.3
TOTAL:	70.5		70.5

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Beech	Sawtimber	1.6	MBF	8.3	\$4,933.25
	Red Maple		5.5	MBF		
	White Pine	2.7	MBF			
	Balsam Fir	Pulpwood	43	Cords		
	Mixed Hardwood		36	Cords		
	<i>Beech</i>		7	Cords		
	<i>Black Ash</i>		4	Cords		
	<i>Red Maple</i>		25	Cords		
	Mixed Spruce		107	Cords		
	<i>Black Spruce</i>		2.4	MBF		
	<i>Black Spruce</i>	Sawtimber Pulpwood	102	Cords		
	N. White Cedar		86	Cords		
	Quaking Aspen		57	Cords		
	White Pine	1	Cords			
2	Balsam Fir	Pulpwood	44	Cords	15.9	\$6,535.65
	Jack Pine		4	Cords		
	Mixed Hardwood		61	Cords		
	<i>Black Cherry</i>		8	Cords		
	<i>Red Maple</i>		53	Cords		
	Mixed Spruce		111	Cords		
	<i>Black Spruce</i>		67	Cords		
	<i>White Spruce</i>		44	Cords		
	Quaking Aspen		160	Cords		
	Red Pine		7	Cords		
	3		Balsam Fir	Pulpwood		
Jack Pine		4	Cords			
Mixed Hardwood		117	Cords			
<i>Red Maple</i>		117	Cords			
Mixed Spruce		64	Cords			
<i>Black Spruce</i>		25	Cords			
<i>White Spruce</i>		39	Cords			
N. White Cedar		13	Cords			
Quaking Aspen		140	Cords			
Tamarack		3	Cords			
White Pine		5	Cords			
4	Balsam Fir	Pulpwood	40	Cords	12.2	\$5,176.00
	Jack Pine		4	Cords		
	Mixed Hardwood		106	Cords		
	<i>Red Maple</i>		106	Cords		
	Mixed Spruce		58	Cords		
	<i>Black Spruce</i>		23	Cords		
	<i>White Spruce</i>		35	Cords		
	N. White Cedar		12	Cords		
	Quaking Aspen		127	Cords		
	Tamarack		3	Cords		
	White Pine		5	Cords		
5	Balsam Fir	Pulpwood	26	Cords	3.9	\$2,154.00
	Mixed Hardwood		22	Cords		
	<i>Black Cherry</i>		5	Cords		
	<i>Paper Birch</i>		4	Cords		
	<i>Red Maple</i>		13	Cords		
	Mixed Spruce		3	Cords		
	<i>Black Spruce</i>		3	Cords		
	Quaking Aspen		87	Cords		
	White Pine		2	Cords		
6	Balsam Fir	Pulpwood	4	Cords	4.6	\$3,502.40

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Mixed Spruce	Pulpwood	47	Cords		
	<i>White Spruce</i>		47	<i>Cords</i>		
	Quaking Aspen		127	Cords		
	Red Pine		5	Cords		
7	Balsam Fir	Pulpwood	47	Cords	12.1	\$7,561.00
	Mixed Hardwood		16	Cords		
	<i>Red Maple</i>		16	<i>Cords</i>		
	Mixed Spruce		114	Cords		
	<i>Black Spruce</i>		94	<i>Cords</i>		
	<i>White Spruce</i>		20	<i>Cords</i>		
	Quaking Aspen		256	Cords		
TOTAL:			9.8	MBF		
TOTAL:			2,219	Cords		

Sale Specific Conditions & Requirements

Sale Name: Linton Roadside Mix

Sale Number: 42-016-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. 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 unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-7, cut all trees which meet minimum piece specifications in 2.2 Utilization, except within Payment Unit 6, leave any trees ringed with green paint and in Payment Units 1-7 leave all hemlock.

4 - Transportation

4.1 - Construction

4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the sale administrator, and they shall be installed prior to hauling. The culverts shall be new, corrugated metal. Culverts will be a minimum of 12 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the sale administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR.

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing double earthen berms at strategic locations. These roads must be rendered impassable to cars and trucks. 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.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: cleaning of drainage areas, grading, crowning, and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

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.

4.3 - Public Right-of-Way

4.3.1 - MDOT R-O-W (11/14)

The Michigan Department of Transportation (MDOT) must be contacted prior to harvesting timber within the MDOT right-of-way. The DNR will secure any necessary permits that may be needed to access the sale.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.12 - Hunting operating restriction (1/18)

No Payment Unit may be started during the period of September 15 thru November 14 without permission of the Unit Manager or his/her representative.

5.2.17 - Timber Mats and Interlocking Composite Mats (10/20)

Some roads or skid trails require extra protection such as that afforded by interlocking composite mats or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's mats. Contact the sale administrator regarding availability and pick-up. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the sale administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the composite mats is defined as cracked or broken mats.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1-7, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of the low/wet nature of the soil types. Tracked equipment is recommended.

5.2.32 - Decking/landing restoration (9/13)

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

5.2.38 - No decking against live trees (2/04)

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

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an 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 highway M-123 prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

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

Forest Management Unit
Newberry

County
Luce

Mapped By
Livermore

Date
3/25/2021

Page of
1 of 2

Sale Number
42-016-21

Year
2021

Township
48N

Range
08W

Section(s) and Subdivision(s)
Section 08: SESE Section 09: SWNW, NWSE Section 10: SWSW Section 11: NENE Section 12: WNW Section 13: SWSW Section 14: SWSW Section 15: SWSW Section 16: NENE Section 17: SESE Section 18: NENE Section 19: SWSW Section 20: SWSW Section 21: NENE Section 22: WNW Section 23: SWSW Section 24: SWSW Section 25: SWSW

Scale
1:15,840

Cover Type

- A = Aspen
- B = Paper Birch
- C = Cedar
- D = Tread Bog
- E = Swamp Hardwoods
- F = Spruce Fir
- G = Grass
- H = Hemlock
- J = Jack Pine
- L = Lowland Brush
- LM = Lowland Mixed
- M = Mpl, Bot, Birch
- MC = Mixed Conifer
- MD = Mixed Deciduous
- N = Marsh
- O = Oak
- P = Lowland Poplar
- Q = Mixed Swamp Conifer
- R = Red Pine
- S = Spruce Fir
- T = Tamarack
- U = Upland Brush
- UM = Upland Mixed
- V = Bog or Marsh
- W = White Pine
- X = Non Stocked
- Z = Water

Density

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

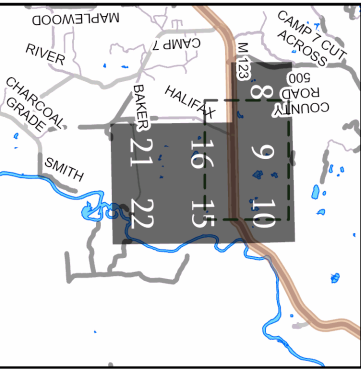
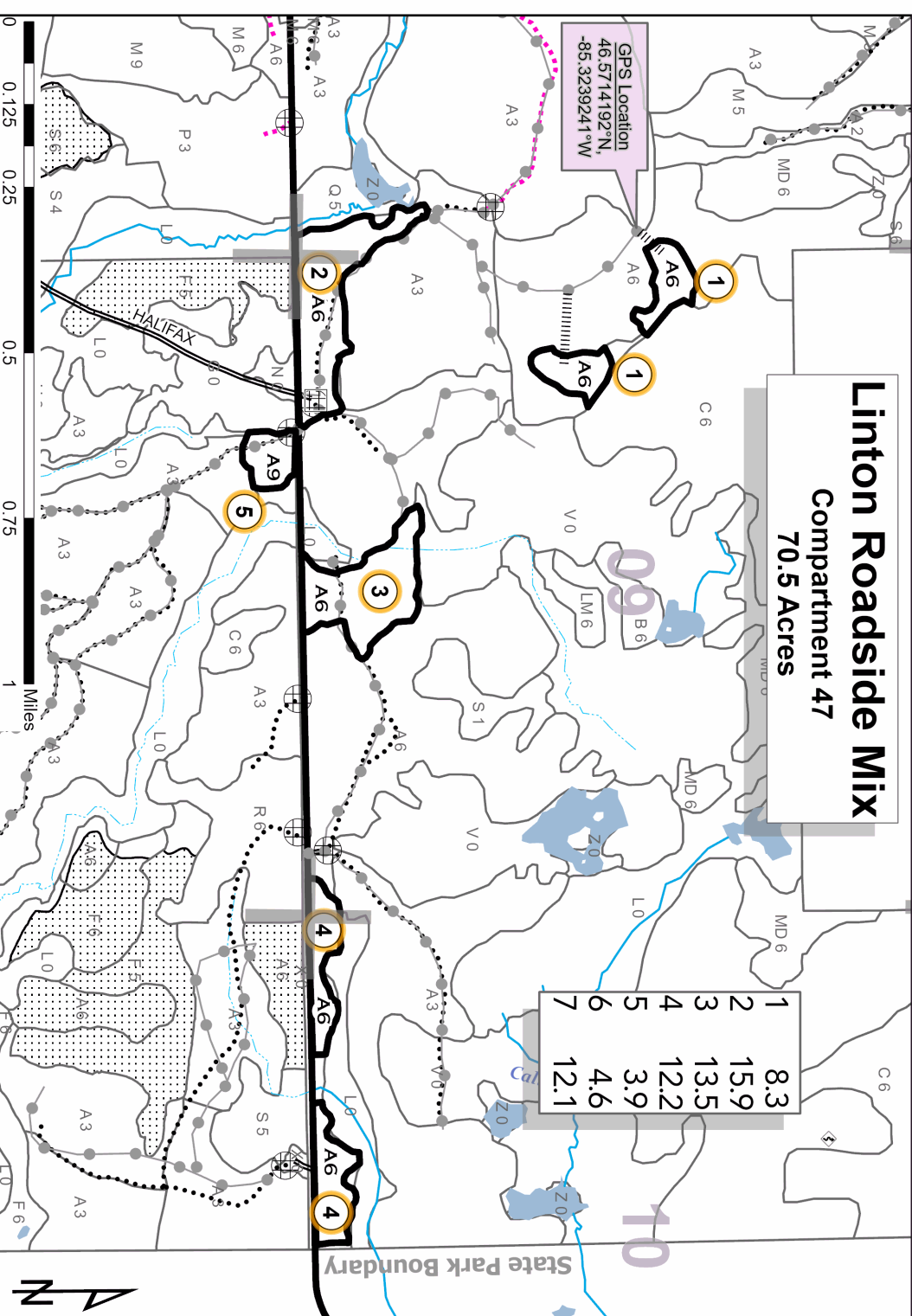
Linton Roadside Mix

Compartment 47

70.5 Acres

1	8.3
2	15.9
3	13.5
4	12.2
5	3.9
6	4.6
7	12.1

GPS Location
46.5714192°N,
-85.3239241°W



Locator Map: 1:200,000
--- Main Map Extent

- █ Against State (Red)
- Payment Unit Label
- Recreational Trail
- 01 Section Numbers
- Section Corners
- Gate
- ⊕ Berms
- ~ Intermittent Stream
- ~ Perennial River
- ~ Lakes and Rivers
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- DNR - Management Access
- DNR - Temporary Management Access
- |||| Proposed Access
- Nearby Timber Sale





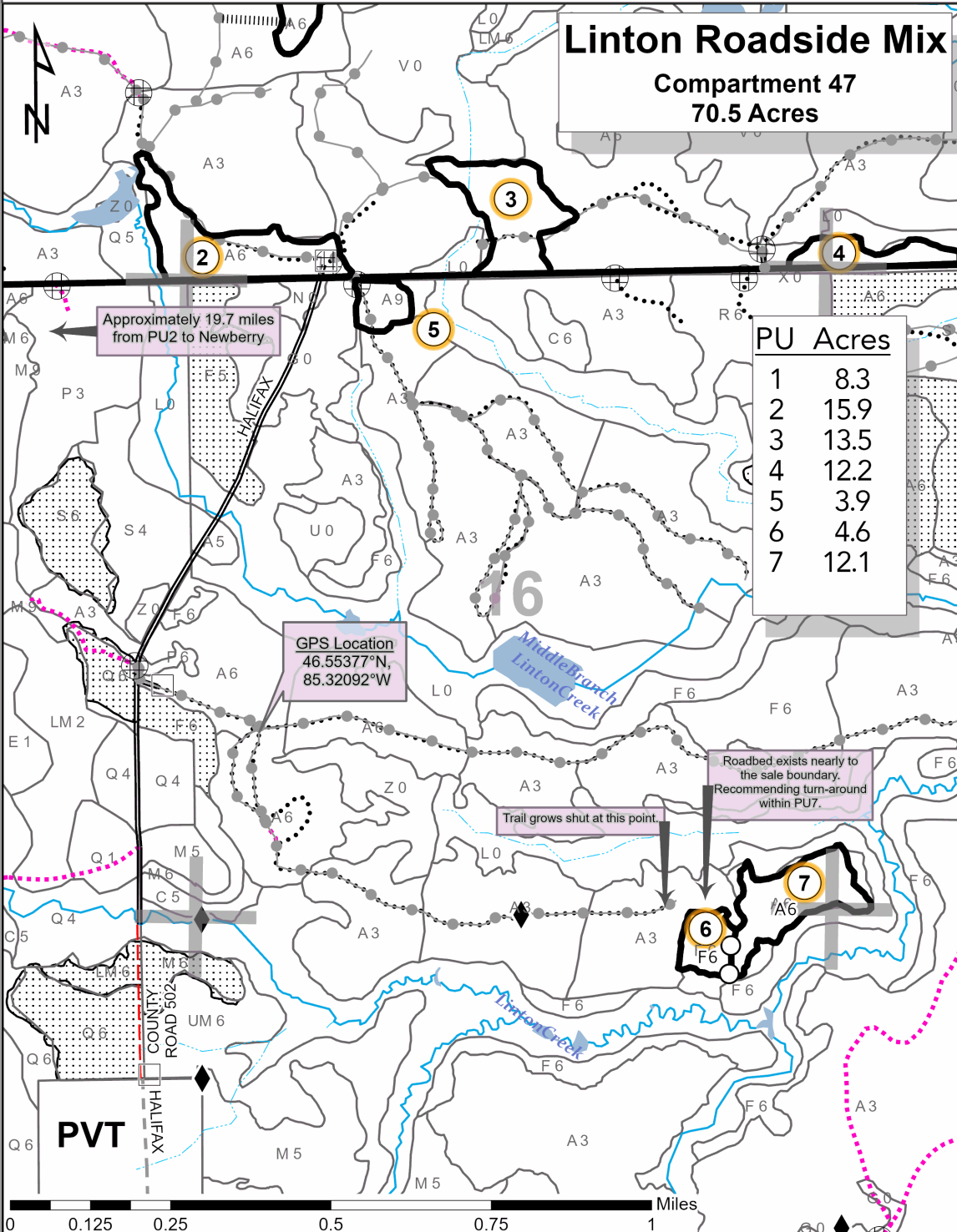
TIMBER SALE MAP

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

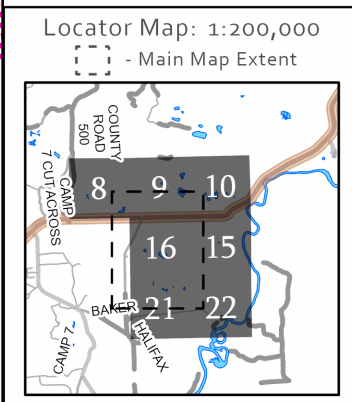
Sale Number	Year
42-016	21

Forest Management Unit Newberry	County Luce	Mapped By Livermore	Date 3/25/2021	Page 2	of 2
Township 48N	Range 08W	Section(s) and Subdivision(s) Section 16: NENW, SESE Section 21: NENE Section 22: NWNW Section 08: SENE, SESE Section 09: SWNW, NWSW, S½SW, S½SE Section 10: S½SW Section 15: SWSW	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 = Tread 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			



- Against State (Red)
- Payment Unit (Yellow)
- Payment Unit Label
- PVT Private Ownership
- ▭ Retention Area
- Recreational Trail
- 01 Section Numbers
- ▭ Section Corners
- ◆ Survey Corners
- Gate
- ⊕ Berms
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- ||||| Proposed Access
- DNR - Secondary Forest Road
- Federal / State Highway
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- DNR - Management Access
- DNR - Temporary Management Access
- ▭ Nearby Timber Sale



TIMBER SALE INFORMATION

C65 Ridges (42-027-21)

T49N, R06W, SEC. 20.

Chippewa County (Advertised Price \$26,428.05)

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

Note that sale units have red pine and white pine saw log volume. This volume was combined with the pulp volume and grouped together as cords in a combined market group.

No new roads will be permitted in any Payment Unit and longer skids will be necessary. See Sale Spec. 4.1.12 for additional information.

A snowmobile trail and is shown on the Timber Sale Map. See Sale Spec. 5.2.41 for restrictions.

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>
Pulpwood		
Black Spruce	27 Cords	\$ 19.80 / Cord
Jack Pine	413 Cords	\$ 17.40 / Cord
Mixed Aspen	91 Cords	\$ 18.40 / Cord
Paper Birch	3 Cords	\$ 9.60 / Cord
Red Maple	3 Cords	\$ 10.65 / Cord
Red Pine	157 Cords	\$ 39.80 / Cord
Scotch Pine	560 Cords	\$ 12.00 / Cord
White Pine	314 Cords	\$ 12.75 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 7.14 percent. There are an estimated 1,535 cords on this timber sale, plus or minus 110 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$1,321.00 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	48.8%
02	36.8%
03	14.4%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

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
121,304	1,535	7.14%	1,426	1,645

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
22	73,715	933	8.85%	851	1,016
29	14,478	183	17.75%	151	216
33	36,635	464	15.24%	393	534
TOTAL:	124,829	1,580		1,394	1,766

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
22	33.6	1	33.6
29	12.5	3	12.5
33	22.2	2	22.2
TOTAL:	68.3		68.3

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Jack Pine	Pulpwood	297	Cords	33.6	\$12,892.55
	Mixed Aspen		8	Cords		
	<i>Quaking Aspen</i>		8	<i>Cords</i>		
	Paper Birch		3	Cords		
	Scotch Pine		560	Cords		
	White Pine		65	Cords		
	<i>White Pine</i>		65	<i>Cords</i>		
2	Black Spruce	Pulpwood	19	Cords	22.2	\$9,722.90
	Jack Pine		53	Cords		
	Mixed Aspen		57	Cords		
	<i>B. T. Aspen</i>		47	<i>Cords</i>		
	<i>Quaking Aspen</i>		10	<i>Cords</i>		
	Red Maple		3	Cords		
	Red Pine		115	Cords		
	<i>Red Pine</i>		43.6	<i>MBF</i>		
	<i>Red Pine</i>		28	<i>Cords</i>		
	White Pine		217	Cords		
	<i>White Pine</i>		34.5	<i>MBF</i>		
	<i>White Pine</i>		148	<i>Cords</i>		
3	Black Spruce	Pulpwood	8	Cords	12.5	\$3,812.60
	Jack Pine		63	Cords		
	Mixed Aspen		26	Cords		
	<i>Quaking Aspen</i>		26	<i>Cords</i>		
	Red Pine		42	Cords		
	<i>Red Pine</i>		42	<i>Cords</i>		
	White Pine		32	Cords		
	<i>White Pine</i>		32	<i>Cords</i>		
TOTAL:			1,568	Cords		

Sale Specific Conditions & Requirements

Sale Name: C65 Ridges

Sale Number: 42-027-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by 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. Interior Payment Unit boundaries are marked with red paint on both sides of the tree. 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. Red painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

There are seasonally wet areas within the Sale Area that do not have merchantable timber. There should be no harvesting activity within these areas.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1 and 3, cut all trees that are two (2) inches or more at DBH, except do not cut any oak in Payment Unit 3. See sale spec 5.4.6 on low wet area operations.

2.1.7 - Leave tree marked unit(s) (6/14)

Within Payment Unit(s) 2, cut all trees that are two (2) inches or more at DBH, except trees marked with green paint above and below stump height and oak. See sale spec. 5.4.6 on low wet area operations.

2.1.11 - Description of timber note (2/04)

Note that Payment Units have red pine and white pine saw log volume. This volume was combined with the pulp volume and grouped together as cords in a combined market group.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 10 inches for trees greater than 10 inches at DBH and 4 inches for trees smaller than 10 inches at DBH. This is to facilitate planting operations.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 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

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit and longer skids will be necessary. All operations are limited to existing roads. Back in spurs and truck turnarounds will be allowed.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

4.2.4 - Grading (10/16)

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

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 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. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

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

5.2.3 - Operating Restrictions

5.2.3.6 - Bark beetle restriction (12/08)

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

5.2.32 - Decking/landing restoration (9/13)

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

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of Highway M-123.

5.2.38 - No decking against live trees (2/04)

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

5.2.41 - Snowmobile trail protection (9/11)

There 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. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. 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. Operations are to cease immediately if equipment and weather conditions result in rutting of roads which is 12 inches or greater in depth and 50 feet in length. In addition, operations are to cease immediately if equipment and weather conditions result in rutting on 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.

5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the lowland areas adjacent to the sale boundary. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

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 the access roads leading through the sale prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

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

Forest Management Unit Newberry	County Chippewa	Mapped By Luoto	Date 9/25/2021	Page 1	of 1
Township 44N	Range 6W	Section(s) and Subdivision(s) E1/2NW, NE 1/4	Scale 1:15,840		

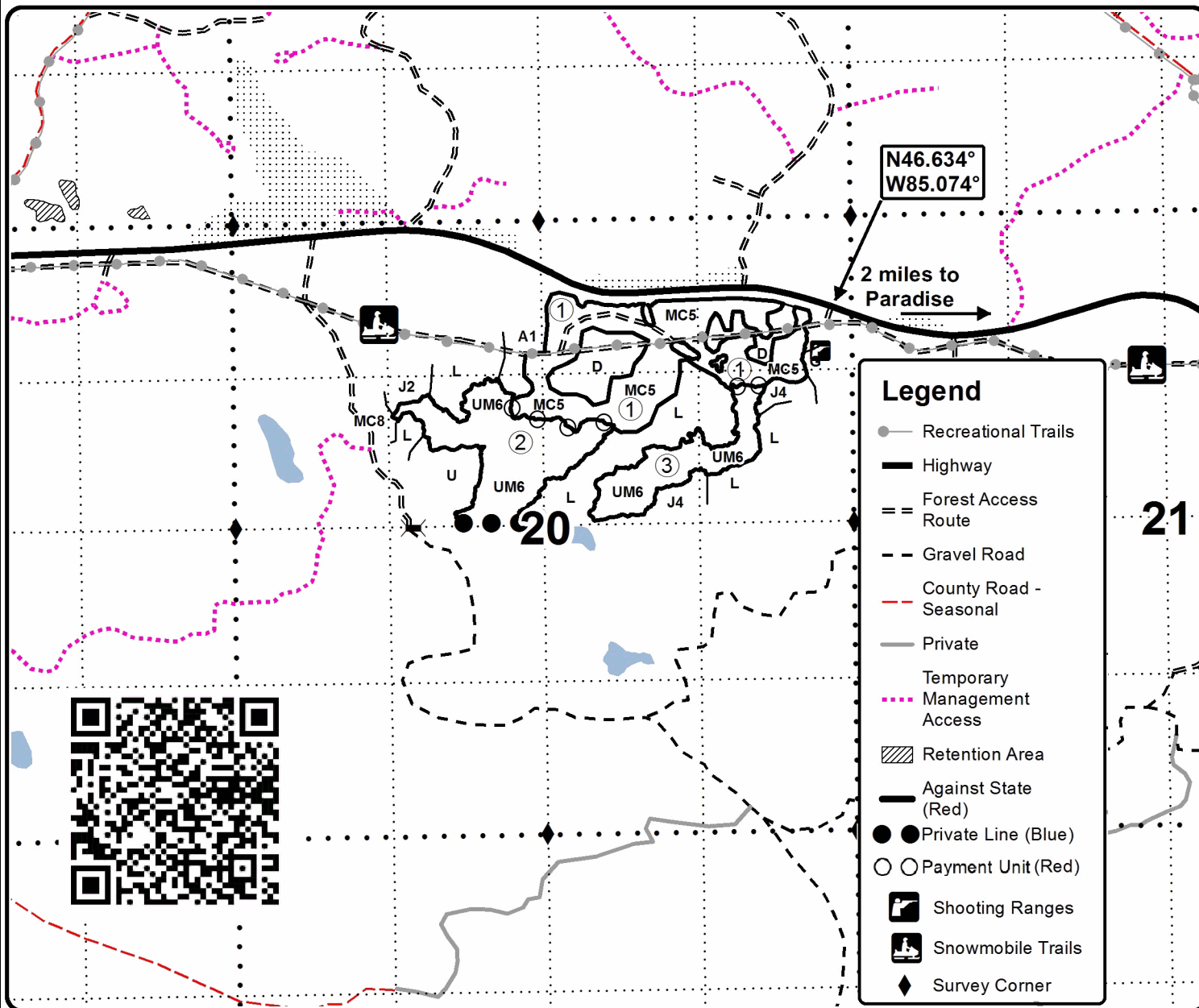
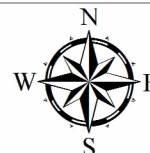
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	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	33.6
2	22.2
3	12.5

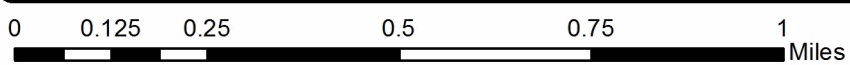
C65 Ridges

Compartment 42065

68.3 Acres



21



TIMBER SALE INFORMATION

Who Let the Cows Out (42-028-21)
 T45N, R10W, SEC. 4; T45N, R10W, SEC. 5; T45N, R10W, SEC. 6.
 Luce County (Advertised Price \$19,391.00)

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

Permission for access across private land is the responsibility of the Purchaser. A copy of written permission must be provided to the DNR (Newberry Unit) prior to bid opening. If this permission is not provided, the bid will be rejected.

Note that mixed Aspen includes quaking and big tooth. Mixed Hardwoods includes red maple, ironwood and paper birch.

The sale area cannot be accessed without permission from the adjacent landowner bordering the sale. See Sale Spec. 4.4.4 and 4.4.3 for specifics.

Within Payment Unit(s) #'s 2 and 3, harvesting is limited to the period of December 15 to April 1 because of low, wet ground.

Access may be through private land.

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		
Basswood	2.0 MBF	\$ 83.00 / MBF
Red Maple	0.9 MBF	\$ 133.00 / MBF
Pulpwood		
Balsam Fir	67 Cords	\$ 16.35 / Cord
Black Spruce	329 Cords	\$ 36.05 / Cord
Mixed Aspen	74 Cords	\$ 33.50 / Cord
Mixed Hardwood	11 Cords	\$ 19.40 / Cord
N. White Cedar	241 Cords	\$ 8.80 / Cord
Paper Birch	30 Cords	\$ 17.45 / Cord
Tamarack	129 Cords	\$ 6.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.32 percent. There are an estimated 884 cords on this timber sale, plus or minus 109 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 \$970.00 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	12.8%
02	8.2%
03	79.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2026.

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
69,833	884	12.32%	775	993

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
1	56,762	719	14.10%	617	820
4	6,093	77	37.21%	48	106
5	7,179	91	32.08%	62	120
TOTAL:	70,034	887		727	1,046

VDU TO PAYMENT UNIT

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

VDU	VDU ACRES	PU	PU ACRES
1	29.9	3	29.9
4	7.2	1	7.2
5	7.5	2	7.5
TOTAL:	44.6		44.6

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	2.0	MBF	7.2	\$2,491.15
	Red Maple		0.9	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Aspen		58	Cords		
	<i>B. T. Aspen</i>		37	<i>Cords</i>		
	<i>Quaking Aspen</i>		21	<i>Cords</i>		
	Mixed Hardwood		11	Cords		
	<i>Basswood</i>		5	<i>Cords</i>		
	<i>Ironwood</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		3	<i>Cords</i>		
	2	Black Spruce	Pulpwood	24		
Mixed Aspen			6	Cords		
<i>B. T. Aspen</i>			6	<i>Cords</i>		
N. White Cedar			56	Cords		
Tamarack			5	Cords		
3	Balsam Fir	Pulpwood	64	Cords	29.9	\$15,309.35
	Black Spruce		305	Cords		
	Mixed Aspen		10	Cords		
	<i>Quaking Aspen</i>		10	<i>Cords</i>		
	N. White Cedar		185	Cords		
	Paper Birch		30	Cords		
	Tamarack		124	Cords		
TOTAL:			2.9	MBF		
TOTAL:			881	Cords		

Sale Specific Conditions & Requirements

Sale Name: Who Let the Cows Out

Sale Number: 42-028-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by 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 painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 2 and 3, cut all trees which meet minimum piece specifications in 2.2 Utilization. Leave all hemlock and sub-merchantable balsam fir. Areas with higher densities of cedar have been marked with green or blue paint above and below stump height. These trees marked with green or blue paint above and below stump height should be retained as retention.

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 1, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. Additionally, cut all aspen, except for aspen marked with green pain.

2.1.11 - Description of timber note (2/04)

Note that mixed aspen includes quaking and big tooth. Mixed Hardwoods includes red maple, ironwood, and paper birch.

4 - Transportation

4.1 - Construction

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

4.1.6 - Road construction (1/09)

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

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing double earthen berms at strategic locations. These roads must be rendered impassable to cars and trucks. 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.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. A copy of written permission must be provided to the DNR - Newberry FMU prior to bid opening. If this permission is not provided, the bid will be rejected.

4.4.3 - Access gate (12/08)

The gate on main access road must be closed upon entry and exiting. There is livestock with the Sale Area during certain times of year.

4.4.4 - Restricted access (10/05)

The Sale Area cannot be accessed without permission from the adjacent landowner bordering the sale. Cattle fencing will need to be removed in certain locations to access the Sale Area with equipment.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to discuss access into the sale. There is a gate and fencing to consider when accessing the sale. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

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.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 2 and 3, unless changed by written agreement, cutting, skidding and hauling are limited to the period of December 15 to April 1. This restriction is because of low, wet ground.

5.2.32 - Decking/landing restoration (9/13)

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

5.2.38 - No decking against live trees (2/04)

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

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

5.4.7 - Rutting restriction, Riparian Management Zone (RMZ) (1/09)

Within the Riparian Management Zone (RMZ), as shown on the attached Timber Sale Map, operations are to cease immediately if equipment and weather conditions result in rutting of roads and skid trails which is 6 inches or greater in depth and 25 feet in length. Within the Riparian Management Zone (RMZ), as shown on the attached Timber Sale Map, operations are to cease immediately if equipment and weather conditions result in rutting of roads which is 6 inches or greater in depth and 25 feet in length. In addition, operations are to cease immediately if equipment and weather conditions result in rutting of skid trails which is 6 inches or greater in depth and 25 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit

Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

7 - Other Conditions

7.2 - Extensions

7.2.5 - Weather related extension (1/13)

If weather conditions during the operating period of this contract prevent harvesting, this sale may qualify for a weather related extension. If approved, the normal extension fee would be waived. To qualify, there must be a documented attempt each year to harvest in the difficult portion of the sale.



TIMBER SALE MAP

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

Forest Management Unit Newberry	County Luce	Mapped By Kriehn	Date 9/22/2021	Page 1	of 1
Township 45N	Range 10W	Section(s) and Subdivision(s) Section 4: SWNW; Section 5: NWNW,SENE; Section 6: SENE	Scale 1:15,840		

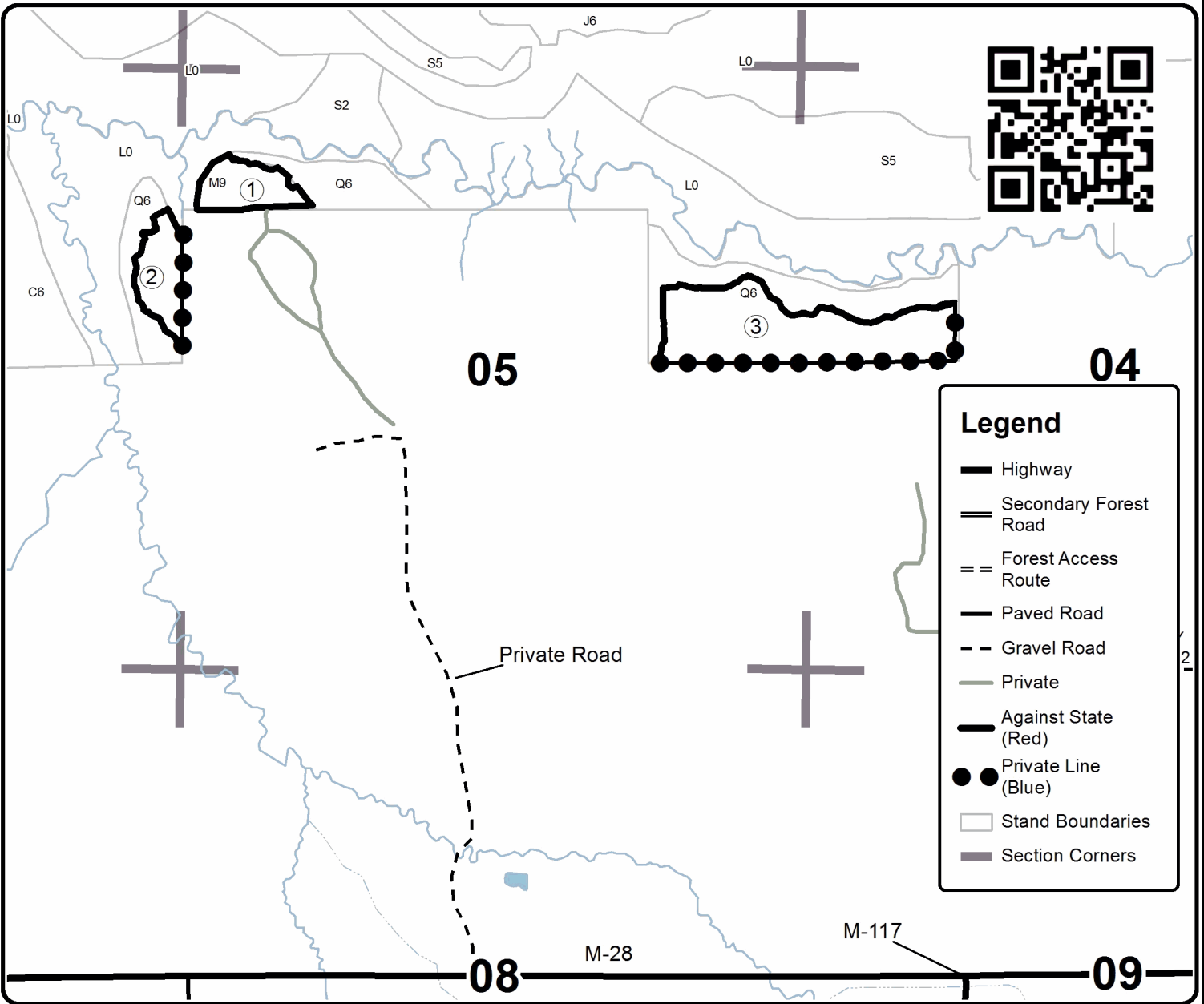
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	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	7.2
2	7.5
3	29.9

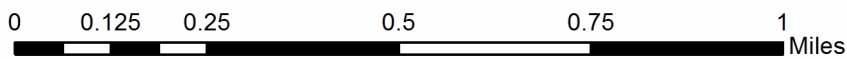
Who Let the Cows Out

Compartment 106

44.6 Acres



Legend	
	Highway
	Secondary Forest Road
	Forest Access Route
	Paved Road
	Gravel Road
	Private
	Against State (Red)
	Private Line (Blue)
	Stand Boundaries
	Section Corners



Smoke Out the Ears Red Pine (42-002-21)
T45N, R09W, SEC. 20; T45N, R09W, SEC. 29; Luce COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on January 20, 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			
Red Maple	18.0 MBF	\$ 73.00/MBF	\$ _____
Red Oak	2.1 MBF	\$ 115.00/MBF	\$ _____
Sugar Maple	13.1 MBF	\$ 206.00/MBF	\$ _____
White Pine	6.3 MBF	\$ 43.00/MBF	\$ _____
Pulpwood			
Balsam Fir	4 Cords	\$ 9.00/Cord	\$ _____
Mixed Aspen	47 Cords	\$ 18.40/Cord	\$ _____
Mixed Hardwood	180 Cords	\$ 10.65/Cord	\$ _____
Red Pine	2,784 Cords	\$ 39.80/Cord	\$ _____
White Pine	1 Cords	\$ 12.75/Cord	\$ _____
White Spruce	23 Cords	\$ 19.80/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 5.51 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

Linton Roadside Mix (42-016-21)
T48N, R08W, SEC. 10; T48N, R08W, SEC. 15; T48N, R08W, SEC. 16; T48N,

In response to the notice of sale to be held 3:00 p.m. (local time) on January 20, 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			
Beech	1.6 MBF	\$ 30.00/MBF	\$ _____
Red Maple	5.5 MBF	\$ 73.00/MBF	\$ _____
White Pine	2.7 MBF	\$ 43.00/MBF	\$ _____
Pulpwood			
Balsam Fir	249 Cords	\$ 9.00/Cord	\$ _____
Jack Pine	12 Cords	\$ 17.40/Cord	\$ _____
Mixed Hardwood	358 Cords	\$ 10.65/Cord	\$ _____
Mixed Spruce	504 Cords	\$ 19.80/Cord	\$ _____
N. White Cedar	111 Cords	\$ 4.85/Cord	\$ _____
Quaking Aspen	954 Cords	\$ 18.40/Cord	\$ _____
Red Pine	12 Cords	\$ 39.80/Cord	\$ _____
Tamarack	6 Cords	\$ 3.45/Cord	\$ _____
White Pine	13 Cords	\$ 12.75/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 5.80 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

C65 Ridges (42-027-21)
T49N, R06W, SEC. 20; Chippewa COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on January 20, 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>
Pulpwood			
Black Spruce	27 Cords	\$ 19.80/Cord	\$ _____
Jack Pine	413 Cords	\$ 17.40/Cord	\$ _____
Mixed Aspen	91 Cords	\$ 18.40/Cord	\$ _____
Paper Birch	3 Cords	\$ 9.60/Cord	\$ _____
Red Maple	3 Cords	\$ 10.65/Cord	\$ _____
Red Pine	157 Cords	\$ 39.80/Cord	\$ _____
Scotch Pine	560 Cords	\$ 12.00/Cord	\$ _____
White Pine	314 Cords	\$ 12.75/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 7.14 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

Who Let the Cows Out (42-028-21)

T45N, R10W, SEC. 4; T45N, R10W, SEC. 5; T45N, R10W, SEC. 6; Luce COUNTY

In response to the notice of sale to be held 3:00 p.m. (local time) on January 20, 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			
Basswood	2.0 MBF	\$ 83.00/MBF	\$ _____
Red Maple	0.9 MBF	\$ 133.00/MBF	\$ _____
Pulpwood			
Balsam Fir	67 Cords	\$ 16.35/Cord	\$ _____
Black Spruce	329 Cords	\$ 36.05/Cord	\$ _____
Mixed Aspen	74 Cords	\$ 33.50/Cord	\$ _____
Mixed Hardwood	11 Cords	\$ 19.40/Cord	\$ _____
N. White Cedar	241 Cords	\$ 8.80/Cord	\$ _____
Paper Birch	30 Cords	\$ 17.45/Cord	\$ _____
Tamarack	129 Cords	\$ 6.30/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 12.32 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): _____

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

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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 - C. Corporation
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 - 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).
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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