



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6823

SCHEDULED SALE DATE AND TIME: 8:30 a.m. (local time) on February 24, 2021.

LOCATION: CRYSTAL FALLS MGMT UNIT, 1420 US 2 WEST, CRYSTAL FALLS, MI 49920.

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

From Home (12-003-20) / T40N, R28W, SEC. 19, NW,NE,SE.

T40N, R28W, SEC. 20, NENW,S1/2NW,W1/2NE,SW,SE.

Dickinson County, Advertised Price \$108,757.40, 271.7 Acres, Aspen, Hardwood.

SALE NOTE: 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.

Yellow Brick Road (12-009-20) / T40N, R29W, SEC. 22, NWSW,SESE.

T40N, R29W, SEC. 23, SWSW.

T40N, R29W, SEC. 27, S1/2NW,NENE,S1/2NE,NESW,SE.

T40N, R29W, SEC. 28, SESE.

T40N, R29W, SEC. 33, NENE.

T40N, R29W, SEC. 34, N1/2NW,NWNE,S1/2NE.

T40N, R29W, SEC. 35, W1/2NW.

Dickinson County, Advertised Price \$69,841.10, 311.2 Acres, Hardwood, Aspen.

SALE NOTE: Payment Unit 3 is optional (see spec 2.1.11). Road work will be required (see spec 4.1.8).

Jungle Crumble (12-012-20) / T41N, R28W, SEC. 6 , NW.

T41N, R29W, SEC. 1 , NE.

T41N, R29W, SEC. 11, W1/2NW.

T41N, R29W, SEC. 2 , S1/2NW.

T42N, R29W, SEC. 36, SESE.

Dickinson County, Advertised Price \$61,755.45, 140.8 Acres, Hardwood, Aspen.

SALE NOTE: Access into this timber sale is entirely through private property. A copy of the written permission from the private land-owner may be required by the DNR.

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, CRYSTAL FALLS OFFICE, 1420 US 2 West, Crystal Falls, MI 49920, no later than 8:30 a.m. (local time) on February 24, 2021. For further information concerning this sale, contact Dan McNamee at 906-875-6622.

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

From Home (12-003-20)

T40N, R28W, SEC. 19; T40N, R28W, SEC. 20.
Dickinson County (Advertised Price \$108,757.40)

SALE NOTE: 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 T-Sale computer program and our traditional volume equations. 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	5.8 MBF	\$ 76.00 / MBF
Paper Birch	36.0 MBF	\$ 59.00 / MBF
Red Maple	44.2 MBF	\$ 102.00 / MBF
Sugar Maple	19.3 MBF	\$ 174.00 / MBF
White Ash	3.5 MBF	\$ 39.00 / MBF
Pulpwood		
Balsam Fir	281 Cords	\$ 14.65 / Cord
Mixed Aspen	2,583 Cords	\$ 28.75 / Cord
Mixed Hardwood	889 Cords	\$ 18.85 / Cord
Mixed Spruce	73 Cords	\$ 11.50 / Cord
Paper Birch	259 Cords	\$ 8.55 / Cord

* 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 \$10,876.00 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	14.0%
02	6.3%
03	10.1%
04	16.0%
05	4.9%
06	4.2%
07	12.9%
08	6.3%
09	13.4%
10	11.9%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/29/2024.

SALE STATISTICS

SALE VOLUMES

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
340,078	4,305	0.00%	4,305	4,305

VDU VOLUMES

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

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
1	50,963	645	20.49%	513	777
2	22,389	283	27.79%	205	362
3	34,428	436	22.61%	337	534
4	52,598	666	14.90%	567	765
5	18,573	235	25.07%	176	294
6	13,209	167	21.34%	132	203
7	45,275	573	20.83%	454	692
8	20,185	256	37.35%	160	351
9	43,474	550	23.40%	422	679
10	38,971	493	21.38%	388	599
TOTAL:	340,063	4,305		3,352	5,257

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	42.6	1	42.6
2	18.9	2	18.9
3	23.9	3	23.9
4	29.2	4	29.2
5	21.6	5	21.6
6	10.3	6	10.3
7	38.9	7	38.9
8	18.3	8	18.3
9	32.4	9	32.4
10	35.6	10	35.6
TOTAL:	271.7		271.7

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Basswood	Sawtimber	1.9	MBF	42.6	\$15,197.35	
	Paper Birch		3.6	MBF			
	Red Maple		4.2	MBF			
	Sugar Maple		4.8	MBF			
	Balsam Fir		Pulpwood	38			Cords
	Mixed Aspen			271			Cords
	<i>B. T. Aspen</i>			17			<i>Cords</i>
	<i>Balsam Poplar</i>			24			<i>Cords</i>
	<i>Quaking Aspen</i>			230			<i>Cords</i>
	Mixed Hardwood			252			Cords
	<i>Basswood</i>			23			<i>Cords</i>
	<i>Ironwood</i>			9			<i>Cords</i>
	<i>Red Maple</i>			120			<i>Cords</i>
	<i>Sugar Maple</i>			100			<i>Cords</i>
	Paper Birch		56	Cords			
2	Paper Birch	Sawtimber	2.5	MBF	18.9	\$6,877.60	
	Red Maple		2.2	MBF			
	Balsam Fir		Pulpwood	24			Cords
	Mixed Aspen			179			Cords
	<i>B. T. Aspen</i>			6			<i>Cords</i>
	<i>Balsam Poplar</i>			10			<i>Cords</i>
	<i>Quaking Aspen</i>			163			<i>Cords</i>
	Mixed Hardwood			40			Cords
	<i>Black Ash</i>			2			<i>Cords</i>
	<i>Red Maple</i>			30			<i>Cords</i>
	<i>White Ash</i>			8			<i>Cords</i>
	Mixed Spruce			2			Cords
	<i>White Spruce</i>		2	<i>Cords</i>			
	Paper Birch		27	Cords			
3	Paper Birch	Sawtimber	3.6	MBF	23.9	\$11,026.65	
	Red Maple		4.4	MBF			
	Sugar Maple		2.2	MBF			
	Balsam Fir		Pulpwood	14			Cords
	Mixed Aspen			247			Cords
	<i>B. T. Aspen</i>			29			<i>Cords</i>
	<i>Balsam Poplar</i>			27			<i>Cords</i>
	<i>Quaking Aspen</i>			191			<i>Cords</i>
	Mixed Hardwood			132			Cords
	<i>Black Ash</i>			39			<i>Cords</i>
	<i>Red Maple</i>			81			<i>Cords</i>
	<i>Sugar Maple</i>			12			<i>Cords</i>
	Paper Birch			22			Cords
	4		Paper Birch	Sawtimber			8.2
Red Maple		7.0	MBF				
Balsam Fir		Pulpwood	18		Cords		
Mixed Aspen			488		Cords		
<i>B. T. Aspen</i>			61		<i>Cords</i>		
<i>Balsam Poplar</i>			39		<i>Cords</i>		
<i>Quaking Aspen</i>			388		<i>Cords</i>		
Mixed Hardwood			83		Cords		
<i>Black Ash</i>			2		<i>Cords</i>		
<i>Ironwood</i>			5		<i>Cords</i>		
<i>Red Maple</i>			60		<i>Cords</i>		
<i>Sugar Maple</i>			12		<i>Cords</i>		
<i>White Ash</i>		4	<i>Cords</i>				
Mixed Spruce		7	Cords				

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	<i>White Spruce</i>	<i>Pulpwood</i>	7	<i>Cords</i>		
	Paper Birch		39	Cords		
5	Red Maple	Sawtimber	3.7	MBF	21.6	\$5,347.75
	Balsam Fir	Pulpwood	19	Cords		
	Mixed Aspen		94	Cords		
	<i>Quaking Aspen</i>		94	<i>Cords</i>		
	Mixed Hardwood		94	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		92	<i>Cords</i>		
	Mixed Spruce		10	Cords		
	<i>Black Spruce</i>		2	<i>Cords</i>		
	<i>White Spruce</i>		8	<i>Cords</i>		
	Paper Birch		12	Cords		
6	Paper Birch	Sawtimber	1.0	MBF	10.3	\$4,522.55
	Red Maple	Pulpwood	3.9	MBF		
	Sugar Maple		1.3	MBF		
	Balsam Fir		12	Cords		
	Mixed Aspen		103	Cords		
	<i>B. T. Aspen</i>		12	<i>Cords</i>		
	<i>Balsam Poplar</i>		4	<i>Cords</i>		
	<i>Quaking Aspen</i>		87	<i>Cords</i>		
	Mixed Hardwood		35	Cords		
	<i>Red Maple</i>		29	<i>Cords</i>		
	<i>Sugar Maple</i>		6	<i>Cords</i>		
	Paper Birch		5	Cords		
	7		Paper Birch	Sawtimber		
Red Maple		Pulpwood	9.0	MBF		
Sugar Maple			3.4	MBF		
White Ash			3.5	MBF		
Balsam Fir			47	Cords		
Mixed Aspen			287	Cords		
<i>B. T. Aspen</i>			24	<i>Cords</i>		
<i>Balsam Poplar</i>			20	<i>Cords</i>		
<i>Quaking Aspen</i>			243	<i>Cords</i>		
Mixed Hardwood			129	Cords		
<i>Basswood</i>			1	<i>Cords</i>		
<i>Ironwood</i>			3	<i>Cords</i>		
<i>Red Maple</i>			60	<i>Cords</i>		
<i>Sugar Maple</i>			52	<i>Cords</i>		
<i>White Ash</i>			13	<i>Cords</i>		
Mixed Spruce			13	Cords		
<i>Black Spruce</i>			4	<i>Cords</i>		
<i>White Spruce</i>			9	<i>Cords</i>		
Paper Birch			54	Cords		
8	Paper Birch	Sawtimber	1.6	MBF	18.3	\$6,853.05
	Red Maple	Pulpwood	6.8	MBF		
	Balsam Fir		12	Cords		
	Mixed Aspen		179	Cords		
	<i>B. T. Aspen</i>		39	<i>Cords</i>		
	<i>Balsam Poplar</i>		12	<i>Cords</i>		
	<i>Quaking Aspen</i>		128	<i>Cords</i>		
	Mixed Hardwood		30	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		23	<i>Cords</i>		
	<i>Sugar Maple</i>		5	<i>Cords</i>		
	Mixed Spruce		8	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
8 con't	<i>White Spruce</i>	<i>Pulpwood</i>	8	<i>Cords</i>		
	Paper Birch		10	Cords		
9	Basswood	Sawtimber	3.9	MBF	32.4	\$14,540.60
	Paper Birch		7.8	MBF		
	Red Maple		1.6	MBF		
	Sugar Maple	6.7	MBF			
	Balsam Fir	Pulpwood	34	Cords		
	Mixed Aspen		350	Cords		
	<i>Balsam Poplar</i>		5	<i>Cords</i>		
	<i>Quaking Aspen</i>		345	<i>Cords</i>		
	Mixed Hardwood		73	Cords		
	<i>Basswood</i>		9	<i>Cords</i>		
	<i>Ironwood</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		15	<i>Cords</i>		
	<i>Sugar Maple</i>		42	<i>Cords</i>		
	Mixed Spruce		25	Cords		
	<i>White Spruce</i>	25	<i>Cords</i>			
	Paper Birch	27	Cords			
	10	Paper Birch	Sawtimber	1.7		
Red Maple		1.4		MBF		
Sugar Maple		0.9		MBF		
Balsam Fir		Pulpwood	63	Cords		
Mixed Aspen			385	Cords		
<i>Balsam Poplar</i>			11	<i>Cords</i>		
<i>Quaking Aspen</i>			374	<i>Cords</i>		
Mixed Hardwood			21	Cords		
<i>Ironwood</i>			2	<i>Cords</i>		
<i>Red Maple</i>			14	<i>Cords</i>		
<i>Sugar Maple</i>			5	<i>Cords</i>		
Mixed Spruce			8	Cords		
<i>Black Spruce</i>			1	<i>Cords</i>		
<i>White Spruce</i>		7	<i>Cords</i>			
Paper Birch		7	Cords			
TOTAL:			108.8	MBF		
TOTAL:			4,085	Cords		

Sale Specific Conditions & Requirements

Sale Name: From Home

Sale Number: 12-003-20 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/exclusion patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 5, 9, and 10, cut all trees that are two (2) inches or more at DBH, except do not cut cedar, hemlock, red pine, white pine, and black ash. In addition, within Payment Unit 5, do not cut sub-merchantable spruce/fir. Also, within Payment Units 9 and 10, do not cut cherry.

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

Within Payment Unit(s) 2, 3, 4, 6, 7, and 8, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut cedar, hemlock, and white pine. In addition, the following exceptions apply:

- Within Payment Units 2 and 3, do not cut red pine, cherry and oak.
- Within Payment Unit 6, do not cut sub-merchantable spruce/fir.
- Within Payment Units 7 and 8, do not cut red pine and black ash.

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

Within Payment Unit(s) 1, all trees which meet minimum piece specifications in 2.2 Utilization are designated for cutting, except do not cut cedar, hemlock, red pine, white pine, black ash, and trees marked with green paint above and below stump height.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 and 7 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

4.1.2 - Stream crossings, specific (3/11)

The creek crossing will require the installation of a portable bridge which may be borrowed from the DNR. Crossing location is indicated on sale map. This installation will be performed in accordance with the specifications on the appropriate permits which shall be provided by the DNR.

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

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer 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

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

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

5.2.32 - Decking/landing restoration (9/13)

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

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

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

5.2.41 - Snowmobile trail protection (9/11)

The Cassidy Creek trail 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. The snowmobile trail may only be crossed at right angles. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. All stumps within 20 feet of the snowmobile trail must be cut at ground level. In addition, any trees cut within 5 feet of the trail must have the stumps removed and be disposed of according to the direction of the Unit Manager or his/her representative.

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.

5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the vernal pond areas or drainages. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (2/10)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile and ORV trails prior to beginning operations. The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

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

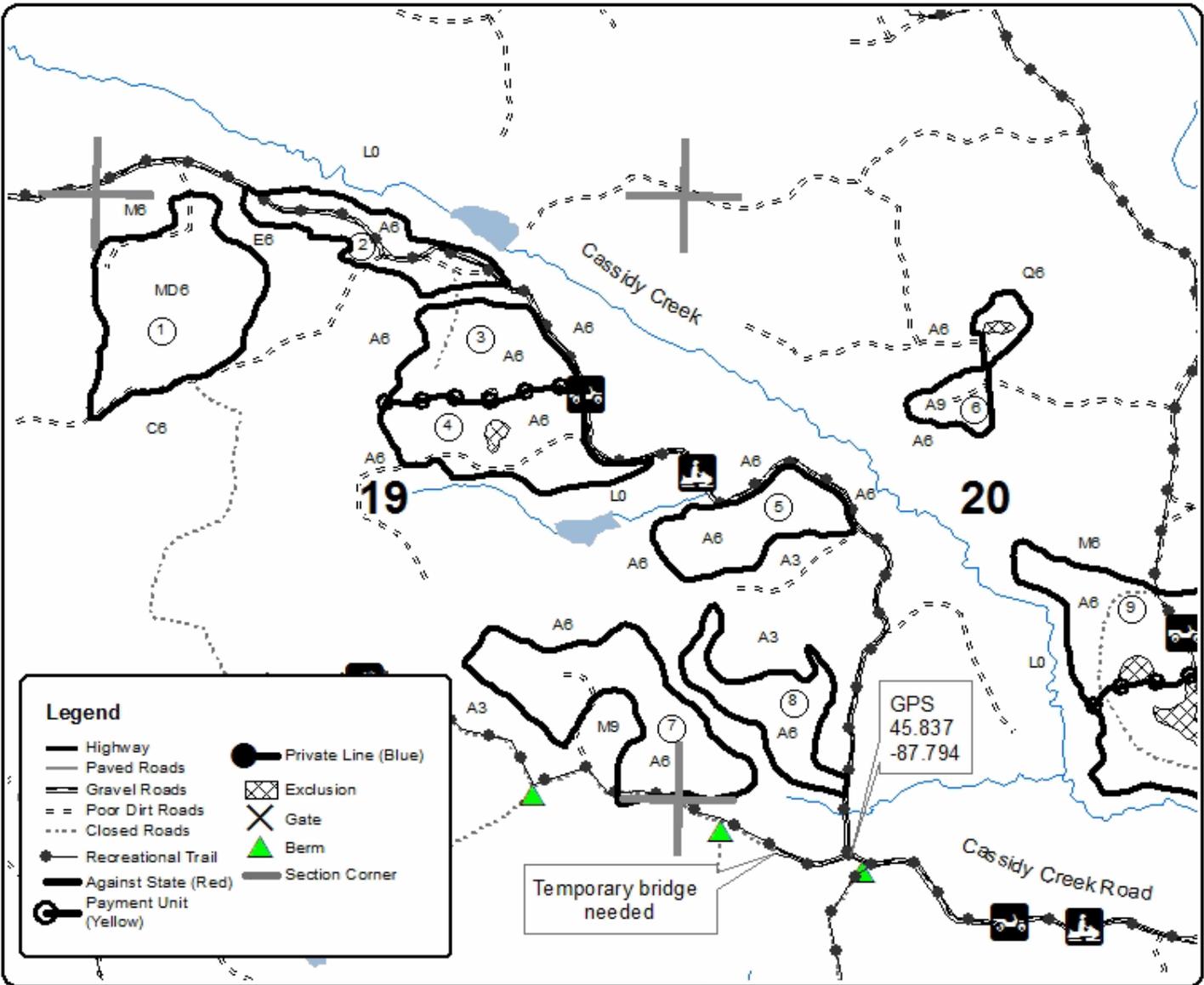
Sale Number	Year
12-003	20

Forest Management Unit Crystal Falls Management Unit	County Dickinson Co.	Mapped By Dickie Goupell	Date 4-9-2020	Page 1	of 2
Township 40N	Range 28W	Section(s) and Subdivision(s) Sec 19 NW, NE, SE, Sec 20 NENW, S 1/2 NW, W 1/2 NE, SE	Scale 1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = 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			

PU	Acres	PU	Acres
1	42.6	6	10.3
2	18.9	7	38.9
3	23.9	8	18.3
4	29.2	9	32.4
5	21.6	10	35.6

From Home
Compartment 107
Acres 271.7





TIMBER SALE MAP

Sale Number: 12-003
Year: 20

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

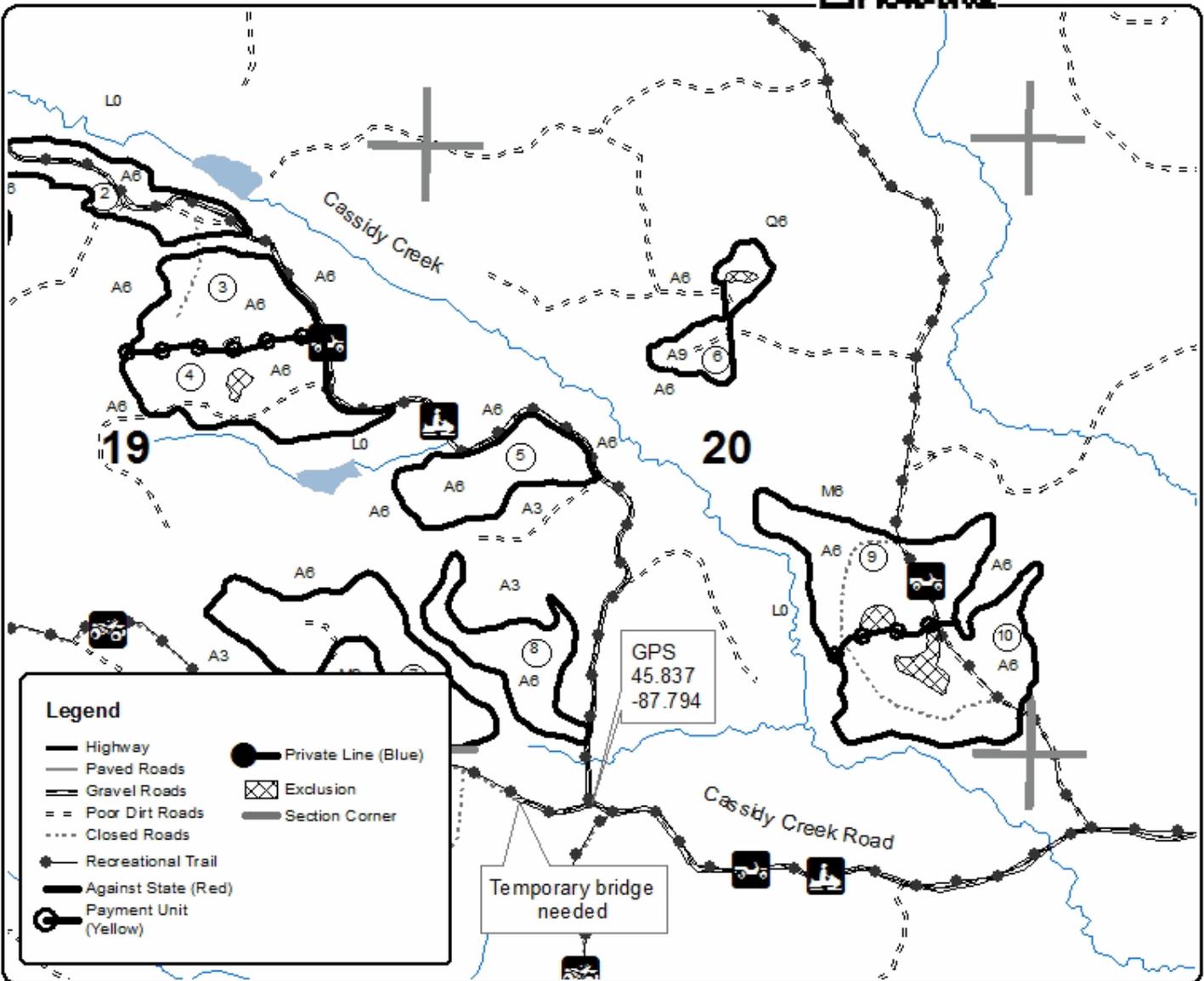
Forest Management Unit: Crystal Falls Management Unit
County: Dickinson Co.
Mapped By: Dickie Goupell
Cruised By: Dickie Goupell
Date: 4-23-2020
Page: 2 of 2

Township: 40N
Range: 28W
Section(s) and Subdivision(s): Sec 19 NW, NE, SE
Sec 20 NENW, S1/2 NW, W 1/2 NE, SE
Scale: 1:15,840

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

PU	Acres	PU	Acres
1	42.6	6	10.3
2	18.9	7	38.9
3	23.9	8	18.3
4	29.2	9	32.4
5	21.6	10	35.6

From Home Compartment 107 Acres 271.7



TIMBER SALE INFORMATION

Yellow Brick Road (12-009-20)

T40N, R29W, SEC. 22; T40N, R29W, SEC. 23; T40N, R29W, SEC. 27; T40N, R29W, SEC. 28; T40N, R29W, SEC. 33; T40N, R29W, SEC. 34; T40N, R29W, SEC. 35.

SALE NOTE: Payment Unit 3 is optional (see spec 2.1.11). Road work will be required (see spec 4.1.8).

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 T-Sale computer program and our traditional volume equations. 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	76.2 MBF	\$ 65.00 / MBF
Beech	11.1 MBF	\$ 41.00 / MBF
Paper Birch	2.6 MBF	\$ 50.00 / MBF
Red Oak	32.8 MBF	\$ 96.00 / MBF
Sugar Maple	23.5 MBF	\$ 150.00 / MBF
White Ash	43.2 MBF	\$ 34.00 / MBF
Yellow Birch	2.8 MBF	\$ 35.00 / MBF
Pulpwood		
Balsam Fir	18 Cords	\$ 12.55 / Cord
Jack Pine	6 Cords	\$ 17.10 / Cord
Mixed Aspen	717 Cords	\$ 24.65 / Cord
Mixed Hardwood	2,203 Cords	\$ 16.10 / Cord
Red Oak	157 Cords	\$ 15.75 / Cord
White Spruce	12 Cords	\$ 9.90 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 8.97 percent. There are an estimated 3,496 cords on this timber sale, plus or minus 314 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 \$6,984.00 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	3.4%
02	1.0%
03	14.6%
04	7.0%
05	9.5%
06	6.6%
07	9.0%
08	3.3%
09	9.2%
10	7.4%
11	7.6%
12	1.6%
13	11.6%
14	8.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/29/2024.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
276,167	3,496	8.97%	3,182	3,809

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	9,867	125	49.19%	63	186
2	2,299	29	143.24%	13	71
3	37,746	478	24.93%	359	597
4	61,399	777	17.29%	643	912
5	68,556	868	18.01%	712	1,024
6	20,098	254	27.29%	185	324
7	18,684	237	32.46%	160	313
8	4,456	56	88.74%	6	106
9	27,690	351	34.89%	228	473
10	25,367	321	19.75%	258	385
TOTAL:	276,160	3,496		2,601	4,391

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	6.4	1	6.4
2	4.7	2	4.7
3	15.9	3	15.9
4	63.0	4	19.0
		5	26.0
		6	18.0
5	95.7	7	39.8
		8	15.0
		9	40.9
6	37.8	10	37.8
7	32.9	11	32.9
8	5.9	12	5.9
9	15.3	13	15.3
10	33.6	14	33.6
TOTAL:	311.2		311.2

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Pulpwood	43	Cords	6.4	\$2,364.05
	<i>Quaking Aspen</i>		43	<i>Cords</i>		
	Mixed Hardwood		81	Cords		
	<i>Basswood</i>		10	<i>Cords</i>		
	<i>Black Ash</i>		3	<i>Cords</i>		
	<i>Paper Birch</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		22	<i>Cords</i>		
	<i>Sugar Maple</i>		42	<i>Cords</i>		
2	Mixed Aspen	Pulpwood	27	Cords	4.7	\$697.75
	<i>Quaking Aspen</i>		27	<i>Cords</i>		
	Mixed Hardwood		2	Cords		
	<i>Sugar Maple</i>		2	<i>Cords</i>		
3	Paper Birch	Sawtimber	1.0	MBF	15.9	\$10,308.75
	Sugar Maple		8.3	MBF		
	White Ash		1.7	MBF		
	Yellow Birch		1.0	MBF		
	Balsam Fir	Pulpwood	13	Cords		
	Mixed Aspen		192	Cords		
	<i>B. T. Aspen</i>		149	<i>Cords</i>		
	<i>Balsam Poplar</i>		9	<i>Cords</i>		
	<i>Quaking Aspen</i>		34	<i>Cords</i>		
	Mixed Hardwood		250	Cords		
	<i>Basswood</i>		3	<i>Cords</i>		
	<i>Black Ash</i>		9	<i>Cords</i>		
	<i>Ironwood</i>		8	<i>Cords</i>		
	<i>Paper Birch</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		58	<i>Cords</i>		
	<i>Sugar Maple</i>		144	<i>Cords</i>		
	<i>White Ash</i>		4	<i>Cords</i>		
	<i>Yellow Birch</i>		23	<i>Cords</i>		
4	Basswood	Sawtimber	15.3	MBF	19.0	\$4,866.75
	Sugar Maple		3.8	MBF		
	White Ash		7.2	MBF		
	Mixed Aspen	Pulpwood	13	Cords		
	<i>B. T. Aspen</i>		3	<i>Cords</i>		
	<i>Quaking Aspen</i>		10	<i>Cords</i>		
	Mixed Hardwood		170	Cords		
	<i>Basswood</i>		67	<i>Cords</i>		
	<i>Beech</i>		5	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		2	<i>Cords</i>		
	<i>Sugar Maple</i>		68	<i>Cords</i>		
	<i>White Ash</i>		26	<i>Cords</i>		
5	Basswood	Sawtimber	21.0	MBF	26.0	\$6,619.75
	Sugar Maple		5.2	MBF		
	White Ash		9.9	MBF		
	Mixed Aspen	Pulpwood	17	Cords		
	<i>B. T. Aspen</i>		4	<i>Cords</i>		
	<i>Quaking Aspen</i>		13	<i>Cords</i>		
	Mixed Hardwood		231	Cords		
	<i>Basswood</i>		91	<i>Cords</i>		
	<i>Beech</i>		7	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		3	<i>Cords</i>		
	<i>Sugar Maple</i>		93	<i>Cords</i>		
	<i>White Ash</i>		35	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6	Basswood	Sawtimber	14.5	MBF	18.0	\$4,588.90
	Sugar Maple		3.6	MBF		
	White Ash		6.9	MBF		
	Mixed Aspen	Pulpwood	12	Cords		
	<i>B. T. Aspen</i>		3	<i>Cords</i>		
	<i>Quaking Aspen</i>		9	<i>Cords</i>		
	Mixed Hardwood		160	Cords		
	<i>Basswood</i>		63	<i>Cords</i>		
	<i>Beech</i>		5	<i>Cords</i>		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		2	<i>Cords</i>		
	<i>Sugar Maple</i>		64	<i>Cords</i>		
	<i>White Ash</i>		24	<i>Cords</i>		
	7	Basswood	Sawtimber	8.5		
Beech			3.6	MBF		
White Ash			4.0	MBF		
Yellow Birch			0.7	MBF		
Mixed Aspen		Pulpwood	16	Cords		
<i>B. T. Aspen</i>			9	<i>Cords</i>		
<i>Quaking Aspen</i>			7	<i>Cords</i>		
Mixed Hardwood			311	Cords		
<i>Black Ash</i>		<i>Sawtimber</i>	0.5	<i>MBF</i>		
<i>Basswood</i>		<i>Pulpwood</i>	74	<i>Cords</i>		
<i>Beech</i>			64	<i>Cords</i>		
<i>Black Ash</i>			1	<i>Cords</i>		
<i>Ironwood</i>			3	<i>Cords</i>		
<i>Red Maple</i>			9	<i>Cords</i>		
<i>Sugar Maple</i>			128	<i>Cords</i>		
<i>White Ash</i>			28	<i>Cords</i>		
<i>Yellow Birch</i>			3	<i>Cords</i>		
8	Basswood	Sawtimber	3.2	MBF	15.0	\$2,338.30
	Beech		1.3	MBF		
	White Ash		1.5	MBF		
	Yellow Birch		0.3	MBF		
	Mixed Aspen	Pulpwood	6	Cords		
	<i>B. T. Aspen</i>		3	<i>Cords</i>		
	<i>Quaking Aspen</i>		3	<i>Cords</i>		
	Mixed Hardwood		116	Cords		
	<i>Black Ash</i>	<i>Sawtimber</i>	0.2	<i>MBF</i>		
	<i>Basswood</i>	<i>Pulpwood</i>	28	<i>Cords</i>		
	<i>Beech</i>		24	<i>Cords</i>		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		3	<i>Cords</i>		
	<i>Sugar Maple</i>		48	<i>Cords</i>		
	<i>White Ash</i>		11	<i>Cords</i>		
<i>Yellow Birch</i>		1	<i>Cords</i>			
9	Basswood	Sawtimber	8.8	MBF	40.9	\$6,437.50
	Beech		3.7	MBF		
	White Ash		4.1	MBF		
	Yellow Birch		0.8	MBF		
	Mixed Aspen	Pulpwood	16	Cords		
	<i>B. T. Aspen</i>		9	<i>Cords</i>		
	<i>Quaking Aspen</i>		7	<i>Cords</i>		
	Mixed Hardwood		320	Cords		
	<i>Black Ash</i>	<i>Sawtimber</i>	0.6	<i>MBF</i>		
	<i>Basswood</i>	<i>Pulpwood</i>	76	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
9 con't	<i>Beech</i>	<i>Pulpwood</i>	67	<i>Cords</i>					
	<i>Black Ash</i>		1	<i>Cords</i>					
	<i>Ironwood</i>		3	<i>Cords</i>					
	<i>Red Maple</i>		9	<i>Cords</i>					
	<i>Sugar Maple</i>		131	<i>Cords</i>					
	<i>White Ash</i>		29	<i>Cords</i>					
	<i>Yellow Birch</i>		3	<i>Cords</i>					
10	Basswood	Sawtimber	1.2	MBF	37.8	\$5,138.80			
	Beech		2.5	MBF					
	Red Oak		9.0	MBF					
	Mixed Aspen	Pulpwood	49	Cords					
	<i>B. T. Aspen</i>		12	<i>Cords</i>					
	<i>Quaking Aspen</i>		37	<i>Cords</i>					
	Mixed Hardwood		147	Cords					
	<i>Basswood</i>		34	<i>Cords</i>					
	<i>Beech</i>		30	<i>Cords</i>					
	<i>Ironwood</i>		3	<i>Cords</i>					
	<i>Paper Birch</i>		2	<i>Cords</i>					
	<i>Red Maple</i>		2	<i>Cords</i>					
	<i>Sugar Maple</i>		57	<i>Cords</i>					
	<i>White Ash</i>		17	<i>Cords</i>					
	<i>Yellow Birch</i>		2	<i>Cords</i>					
	Red Oak		33	Cords					
	11	Basswood	Sawtimber	1.3			MBF	32.9	\$5,273.15
Red Oak			21.2	MBF					
Sugar Maple			0.5	MBF					
White Ash			2.5	MBF					
Mixed Aspen		Pulpwood	4	Cords					
<i>Quaking Aspen</i>			4	<i>Cords</i>					
Mixed Hardwood			81	Cords					
<i>Basswood</i>			13	<i>Cords</i>					
<i>Beech</i>			7	<i>Cords</i>					
<i>Ironwood</i>			2	<i>Cords</i>					
<i>Paper Birch</i>			2	<i>Cords</i>					
<i>Red Maple</i>			3	<i>Cords</i>					
<i>Sugar Maple</i>			38	<i>Cords</i>					
<i>White Ash</i>			16	<i>Cords</i>					
Red Oak			101	Cords					
12		Basswood	Sawtimber	1.2	MBF	5.9	\$1,103.45		
		Red Oak		2.6	MBF				
	White Ash		0.8	MBF					
	Mixed Hardwood	Pulpwood	24	Cords					
	<i>Basswood</i>		12	<i>Cords</i>					
	<i>Sugar Maple</i>		8	<i>Cords</i>					
	<i>White Ash</i>		4	<i>Cords</i>					
	Red Oak		23	Cords					
13	Basswood	Sawtimber	1.2	MBF	15.3	\$8,095.80			
	Sugar Maple		0.5	MBF					
	Jack Pine	Pulpwood	6	Cords					
	Mixed Aspen		274	Cords					
	<i>B. T. Aspen</i>		156	<i>Cords</i>					
	<i>Quaking Aspen</i>		118	<i>Cords</i>					
	Mixed Hardwood		65	Cords					
	<i>Basswood</i>		4	<i>Cords</i>					
	<i>Black Cherry</i>		3	<i>Cords</i>					
	<i>Paper Birch</i>		6	<i>Cords</i>					

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
13 con't	<i>Red Maple</i>	<i>Pulpwood</i>	22	<i>Cords</i>					
	<i>Sugar Maple</i>		23	<i>Cords</i>					
	<i>White Ash</i>		7	<i>Cords</i>					
	White Spruce		4	Cords					
14	Paper Birch	Sawtimber	1.6	MBF	33.6	\$5,729.95			
	Sugar Maple		1.6	MBF					
	White Ash		4.6	MBF					
	Balsam Fir	Pulpwood	5	Cords					
	Mixed Aspen		48	Cords					
	<i>Quaking Aspen</i>		48	<i>Cords</i>					
	Mixed Hardwood		244	Cords					
	<i>Basswood</i>		54	<i>Cords</i>					
	<i>Black Ash</i>		3	<i>Cords</i>					
	<i>Ironwood</i>		2	<i>Cords</i>					
	<i>Paper Birch</i>		9	<i>Cords</i>					
	<i>Red Maple</i>		18	<i>Cords</i>					
	<i>Sugar Maple</i>		114	<i>Cords</i>					
	<i>White Ash</i>	44	<i>Cords</i>						
	White Spruce	8	Cords						
	TOTAL:			192.2			MBF		
	TOTAL:			3,112			Cords		

Sale Specific Conditions & Requirements

Sale Name: Yellow Brick Road

Sale Number: 12-009-20 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.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 3, cut all trees that are two (2) inches or more at DBH, except do not cut cedar, hemlock, white pine, and oak. In addition, do not cut any sub-merchantable spruce/fir.

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

Within Payment Unit(s) 1 and 13, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut cedar, hemlock, white pine, and oak. In addition, within Payment Unit 1, do not cut black cherry.

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

Within Payment Unit(s) 2, 4-12, and 14, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within Payment Units 4-9, cut all beech except those marked with green paint. Also within Payment Unit 10, cut all beech and aspen except those beech marked with green paint. Furthermore, within Payment Unit 14, cut all paper birch.

2.1.11 - Description of timber note (2/04)

Note that Payment Unit 3 is an optional unit. If the Purchaser elects to harvest Payment Unit 3, it will be paid for at contract prices. If the Purchaser chooses not harvest Payment Unit 3, it will be removed from the sale via a Timber Sale Contract Amendment.

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

4.1.5 - 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 or plastic gauge. Culverts will be a minimum of 18 inches in diameter and 24 feet in length. Stream crossing permits, if needed, will be obtained by the DNR.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. Some existing roads may also need to be closed, see the Timber Sale Map for locations. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Contact the sale administrator for specific details of design and

placement.

4.1.8 - Road work (1) (8/07)

The following road work is required: The Purchaser will be required to install four (4) 18'x24' culverts and haul and spread approximately 770 yards of pit run gravel. Locations for culvert placement and fill are shown on the Timber Sale Map. All road work must be completed before any harvesting operations can begin.

The following road work is optional, depending on whether Payment Unit 3 is harvested: Installing one (1) culvert and approximately 125 yards of pit run into gravel into Payment Unit 3.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

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

Slash is to be disposed of as directed by Sale Administrator.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 4-12, and 14, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within all Payment Units cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Pine Creek Lake Road prior to beginning operations. The road must be posted at the intersection of Pine Creek Lake Road and County Road 573 to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

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

Sale Number	Year
12-009	2020

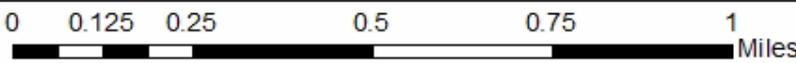
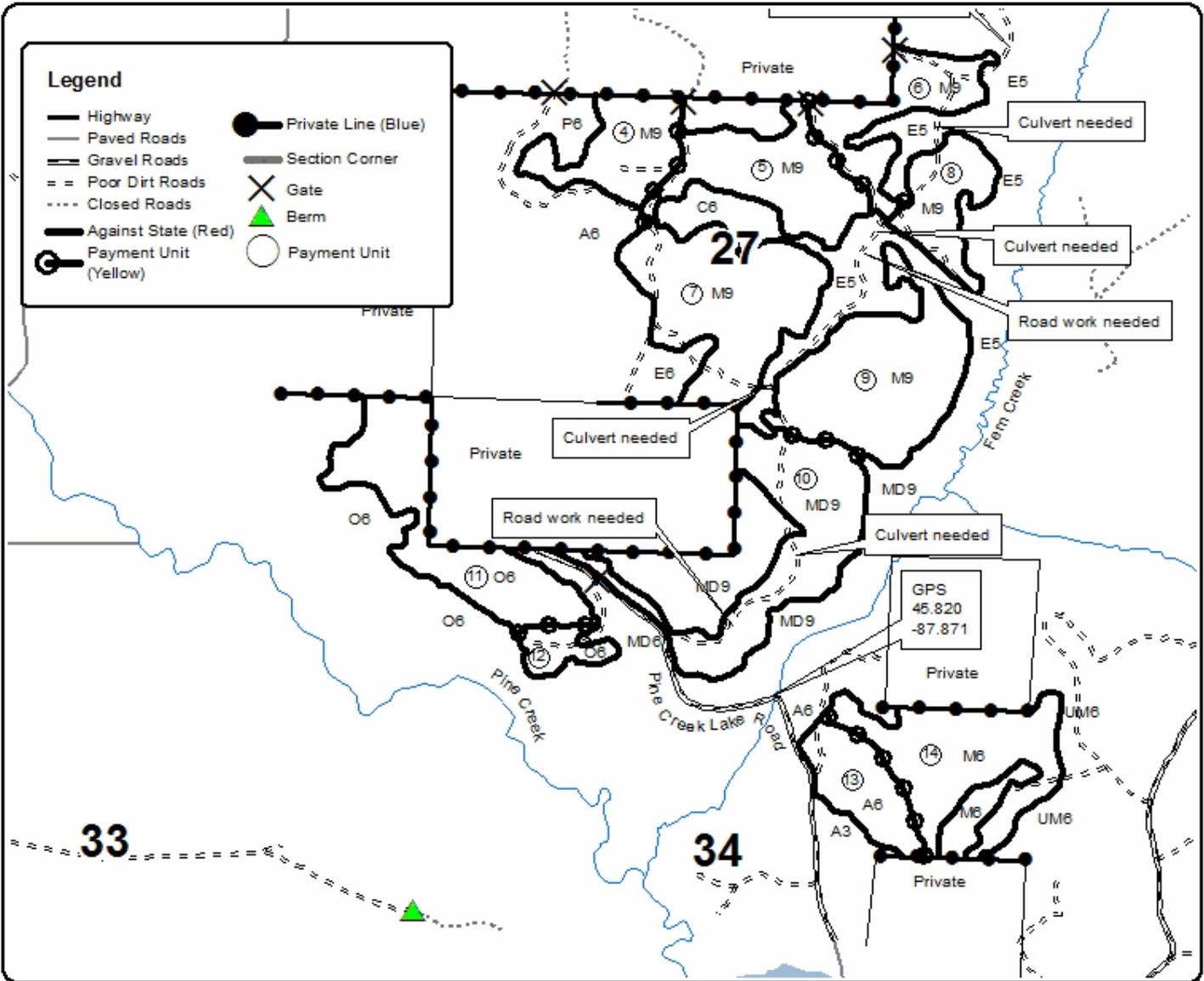
Forest Management Unit	County	Mapped By	Date	Page	of
Crystal Falls Management Unit	Dickinson Co.	Dickie Goupell, Contractor	8-09-2020	1	2
Township		Cruised By		Scale	
40N		Dickie Goupell, Contractor		1:15,840	

Range	Section(s) and Subdivision(s)	Scale
29W	Sec 22, NWSE, SESE 23 SWSW, 27 S1/2NW, NENE, S 1/2 NE, NESW, SE, 28 SESE, 33 NENE, 34 N 1/2 NW, NWNE, S 1/2 NE, AND 35 W 1/2 NW	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 = Seeding Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seeding Sapling Medium	7 = Saw Timber Poor
D = Tread Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seeding Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Birch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	6.4	8	15.0
2	4.7	9	40.9
3	15.9	10	37.8
4	19.0	11	32.9
5	26.0	12	5.9
6	18.0	13	15.3
7	39.8	14	33.6

Yellow Brick Road Compartments 104 & 105 Acres 311.2



TIMBER SALE INFORMATION

Jungle Crumble (12-012-20)

T41N, R28W, SEC. 6; T41N, R29W, SEC. 1; T41N, R29W, SEC. 11; T41N, R29W, SEC. 2; T42N, R29W, SEC. 36.
Dickinson County (Advertised Price \$61,755.45)

SALE NOTE: Access into this timber sale is entirely through private property. A copy of the written permission from the private land-owner may be required by the DNR.

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 T-Sale computer program and our traditional volume equations. 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	15.0 MBF	\$ 76.00 / MBF
Paper Birch	5.0 MBF	\$ 59.00 / MBF
Red Maple	9.0 MBF	\$ 102.00 / MBF
Red Pine	28.8 MBF	\$ 112.00 / MBF
Sugar Maple	24.3 MBF	\$ 174.00 / MBF
White Ash	8.9 MBF	\$ 39.00 / MBF
White Pine	15.6 MBF	\$ 31.00 / MBF
Pulpwood		
Balsam Fir	49 Cords	\$ 14.65 / Cord
Mixed Aspen	879 Cords	\$ 28.75 / Cord
Mixed Hardwood	1,180 Cords	\$ 18.85 / Cord
Mixed Spruce	22 Cords	\$ 11.50 / Cord
Red Pine	47 Cords	\$ 38.15 / Cord
White Pine	52 Cords	\$ 16.15 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 9.21 percent. There are an estimated 2,441 cords on this timber sale, plus or minus 225 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$4,323.00 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	13.6%
02	33.5%
03	3.0%
04	6.1%
05	9.0%
06	18.0%
07	12.9%
08	3.9%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2024.

SALE STATISTICS

SALE VOLUMES

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
192,818	2,441	9.21%	2,216	2,666

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	35,416	448	15.61%	378	518
3	28,045	355	25.43%	265	445
17	12,711	161	42.81%	92	230
40	7,315	93	40.11%	55	130
48	65,736	832	17.96%	683	982
52	24,695	313	24.03%	237	388
62	13,035	165	33.37%	110	220
482	5,830	74	25.55%	55	93
TOTAL:	192,784	2,440		1,876	3,005

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	23.4	6	23.4
3	18.3	7	18.3
17	8.9	4	8.9
40	8.7	8	8.7
48	33.7	2	33.7
52	24.8	1	24.8
62	14.2	5	14.2
482	8.8	3	8.8
TOTAL:	140.8		140.8

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	6.6	MBF	24.8	\$8,410.45
	Red Maple		0.8	MBF		
	Sugar Maple	12.5	MBF			
	White Ash	3.9	MBF			
	Mixed Aspen	Pulpwood	51	Cords		
	<i>B. T. Aspen</i>		51	Cords		
	Mixed Hardwood		214	Cords		
	<i>Basswood</i>		44	Cords		
	<i>Black Ash</i>		6	Cords		
	<i>Ironwood</i>		13	Cords		
	<i>Red Maple</i>		3	Cords		
	<i>Sugar Maple</i>		125	Cords		
	<i>White Ash</i>		23	Cords		
	2		Basswood	Sawtimber		
Red Maple		1.0	MBF			
Sugar Maple		7.2	MBF			
White Ash		3.8	MBF			
Balsam Fir		Pulpwood	20	Cords		
Mixed Aspen			381	Cords		
<i>B. T. Aspen</i>			218	Cords		
<i>Quaking Aspen</i>			163	Cords		
Mixed Hardwood			386	Cords		
<i>Basswood</i>			40	Cords		
<i>Black Ash</i>			3	Cords		
<i>Ironwood</i>			18	Cords		
<i>Paper Birch</i>			20	Cords		
<i>Red Maple</i>			73	Cords		
<i>Sugar Maple</i>			195	Cords		
<i>White Ash</i>			37	Cords		
Mixed Spruce			7	Cords		
<i>White Spruce</i>	7		Cords			
3	Paper Birch		Sawtimber	1.5	MBF	8.8
	Red Maple	0.9		MBF		
	Sugar Maple	0.4	MBF			
	Mixed Aspen	Pulpwood	35	Cords		
	<i>B. T. Aspen</i>		32	Cords		
	<i>Quaking Aspen</i>		3	Cords		
	Mixed Hardwood		32	Cords		
	<i>Paper Birch</i>		10	Cords		
	<i>Red Maple</i>		9	Cords		
	<i>Sugar Maple</i>		13	Cords		
4	Mixed Aspen		Pulpwood	75	Cords	8.9
	<i>B. T. Aspen</i>	48		Cords		
	<i>Balsam Poplar</i>	13		Cords		
	<i>Quaking Aspen</i>	14		Cords		
	Mixed Hardwood	86		Cords		
	<i>Black Ash</i>	2		Cords		
	<i>Ironwood</i>	2		Cords		
	<i>Paper Birch</i>	23		Cords		
	<i>Red Maple</i>	59		Cords		
	5	Red Pine		Sawtimber	19.6	
White Pine		0.8	MBF			
Balsam Fir		Pulpwood	1	Cords		
Mixed Aspen			26	Cords		
<i>Quaking Aspen</i>			26	Cords		
Mixed Hardwood			60	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
5 con't	<i>Paper Birch</i>	<i>Pulpwood</i>	18	<i>Cords</i>					
	<i>Red Maple</i>		42	<i>Cords</i>					
	Red Pine		37	Cords					
	White Pine		1	Cords					
6	Red Maple	Sawtimber	3.9	MBF	23.4	\$11,105.90			
	Red Pine		9.2	MBF					
	Sugar Maple		1.2	MBF					
	White Ash		1.2	MBF					
	White Pine		14.8	MBF					
	Balsam Fir		Pulpwood	7			Cords		
	Mixed Aspen			164			Cords		
	<i>B. T. Aspen</i>			94			<i>Cords</i>		
	<i>Quaking Aspen</i>			70			<i>Cords</i>		
	Mixed Hardwood			156			Cords		
	<i>Basswood</i>	4		<i>Cords</i>					
	<i>Paper Birch</i>	6		<i>Cords</i>					
	<i>Red Maple</i>	72		<i>Cords</i>					
	<i>Sugar Maple</i>	63		<i>Cords</i>					
	<i>White Ash</i>	11	<i>Cords</i>						
	Red Pine	10	Cords						
	White Pine	51	Cords						
	7	Paper Birch	Sawtimber	3.5			MBF	18.3	\$7,964.85
		Red Maple		2.4			MBF		
Balsam Fir		Pulpwood	21	Cords					
Mixed Aspen			124	Cords					
<i>B. T. Aspen</i>			52	<i>Cords</i>					
<i>Quaking Aspen</i>			72	<i>Cords</i>					
Mixed Hardwood			184	Cords					
<i>Black Ash</i>			4	<i>Cords</i>					
<i>Ironwood</i>			4	<i>Cords</i>					
<i>Paper Birch</i>			64	<i>Cords</i>					
<i>Red Maple</i>			98	<i>Cords</i>					
<i>Sugar Maple</i>			8	<i>Cords</i>					
<i>Yellow Birch</i>			6	<i>Cords</i>					
Mixed Spruce			15	Cords					
<i>Black Spruce</i>			8	<i>Cords</i>					
<i>White Spruce</i>			7	<i>Cords</i>					
8			Basswood	Sawtimber	0.9	MBF	8.7		
	Sugar Maple	3.0	MBF						
	Mixed Aspen	Pulpwood	23	Cords					
	<i>B. T. Aspen</i>		8	<i>Cords</i>					
	<i>Balsam Poplar</i>		15	<i>Cords</i>					
	Mixed Hardwood		62	Cords					
	<i>Basswood</i>		10	<i>Cords</i>					
	<i>Ironwood</i>		3	<i>Cords</i>					
	<i>Paper Birch</i>		3	<i>Cords</i>					
	<i>Red Maple</i>		10	<i>Cords</i>					
	<i>Sugar Maple</i>		36	<i>Cords</i>					
	TOTAL:			106.6	MBF				
TOTAL:			2,229	Cords					

Sale Specific Conditions & Requirements

Sale Name: Jungle Crumble

Sale Number: 12-012-20 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) 2, 4 and 7, cut all trees that are two (2) inches or more at DBH, with the following exceptions:

- Within Payment Unit 2, do not cut any pine, oak, or sub-merchantable spruce and fir.
- Within Payment Unit 4, do not cut any cedar, pine, oak, or sub-merchantable spruce and fir.
- Within Payment Unit 7, do not cut cedar, pine, oak, and hemlock.

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

Within Payment Unit(s) 1, 3 and 8, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

Within Payment Unit(s) 5, cut all white pine and red pine trees marked with orange paint. In addition, cut all other trees that are two (2) inches or more at DBH, except do not cut cedar, oak, hemlock, and sub-merchantable spruce and fir.

Within Payment Unit(s) 6, cut all white and red pine trees marked with orange paint. In addition, cut all other trees two (2) inches or more at DBH, except do not cut cedar, oak, hemlock, or any trees marked with purple paint.

2.1.11 - Description of timber note (2/04)

Note that Payment Units 6 and 7 are optional Payment Units. If the Purchaser choose not to cut either of these units, they will be removed from the sale with a Timber Sale Contract Amendment.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured.

No damage is acceptable to undesignated live merchantable trees. Within the sale area, if more than 15% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.2 - Stream crossings, specific (3/11)

There are two bridges crossing the Sturgeon River; one bridge leads to Payment Unit 6, the other leads to Payment Units 1, 2 and 3. Both bridges are on private property, therefore it is the responsibility of the Purchaser to secure the use of the bridges. The bridge leading to Payment Unit 6 and 7 is not able to support logging traffic. It is the responsibility of the Purchaser to evaluate the structural integrity of the bridges before use and secure any permits or bridge reinforcements needed.

There is a stream/drainage between Payments Units 6 and 7, as shown on the Timber Sale Map. Crossing this stream/drainage may require a DEQ permit, depending on where a crossing occurs. Crossing the stream/drainage is limited to frozen ground conditions only. If the Purchaser desires to cross the stream/drainage, the timber sale administrator must be notified before crossing occurs. Please allow the timber administrator ample time to secure any necessary permits.

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. Stumps shall be set upright, not left on edge, and be moved at least 5 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

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

4.1.8 - Road work (1) (8/07)

The following road work is required: The Purchaser must install one (1) 18" x 24' equalization culvert at the point specified on Timber Sale Map pg. 2.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. Should the Purchaser desire to cross private land, a copy of the written permission from the private land-owner may be required by the DNR.

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. The Unit Manager or his/her representative must be contacted at least 10 in advance of any operations.

5.2 - Conduct of Operations

5.2.1 - Slash

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

Slash is to be disposed of as directed by timber sale administrator or his/her representative.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1, 3, 5, and 6, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 2 and 6, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 4 and 7, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because some areas within the Payment Units have poorly drained soil.

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.

5.4.3 - Erosion control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.



TIMBER SALE MAP

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

Forest Management Unit Crystal Falls	County Dickinson	Mapped By Jacob Siler	Date 08/26/2020	Page 1	of 3
Township 41N	Range 28/29W	Section(s) and Subdivision(s) Sections 1, 2, 6, 36 & 11	Scale 1:15,840		

Township 41N	Range 28/29W	Section(s) and Subdivision(s) Sections 1, 2, 6, 36 & 11	Scale 1:15,840
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Cover Type

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

Density

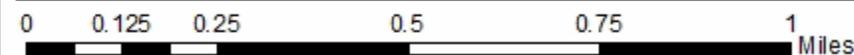
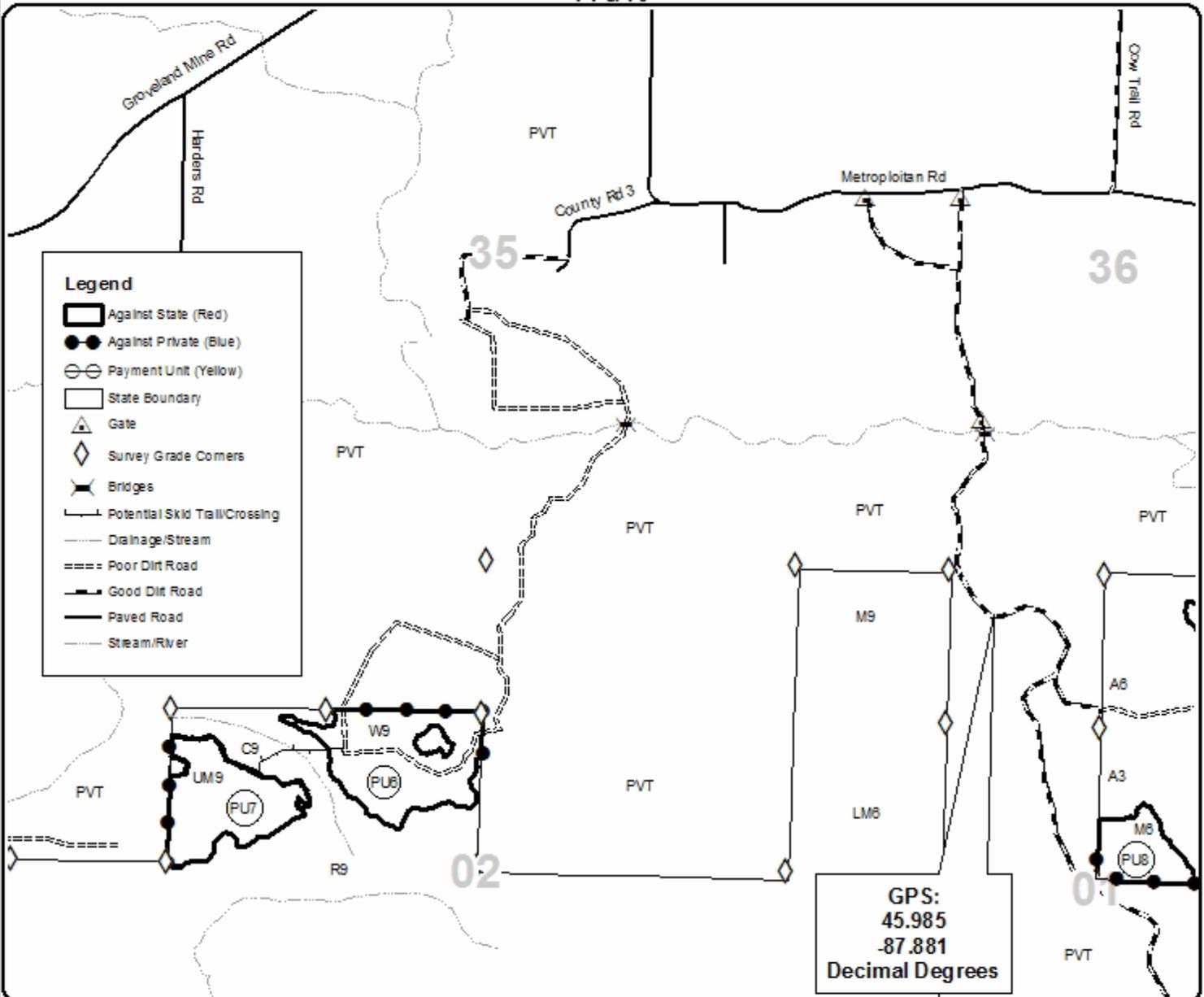
0 = Non Stocked	5 = Pole Timber Medium
1 = Seeding Sapling Poor	6 = Pole Timber Well
2 = Seeding Sapling Medium	7 = Saw Timber Poor
3 = Seeding Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU Acres

1: 24.8	4: 8.9	7: 18.3
2: 33.7	5: 14.2	8: 8.7
3: 8.8	6: 23.4	

Jungle Crumble

140.8 Acres
Compartment
71 & 70





TIMBER SALE MAP

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

Forest Management Unit Crystal Falls	County Dickinson	Mapped By Jacob Siler	Date 08/26/2020	Page 2	of 3
Cruised By Jacob Siler					

Township 41N	Range 28/29W	Section(s) and Subdivision(s) Sections 1, 2, 6, 36 & 11	Scale 1:15,840
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Cover Type

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

Density

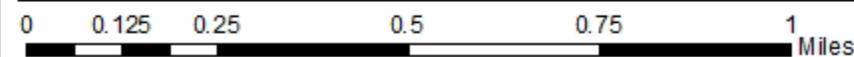
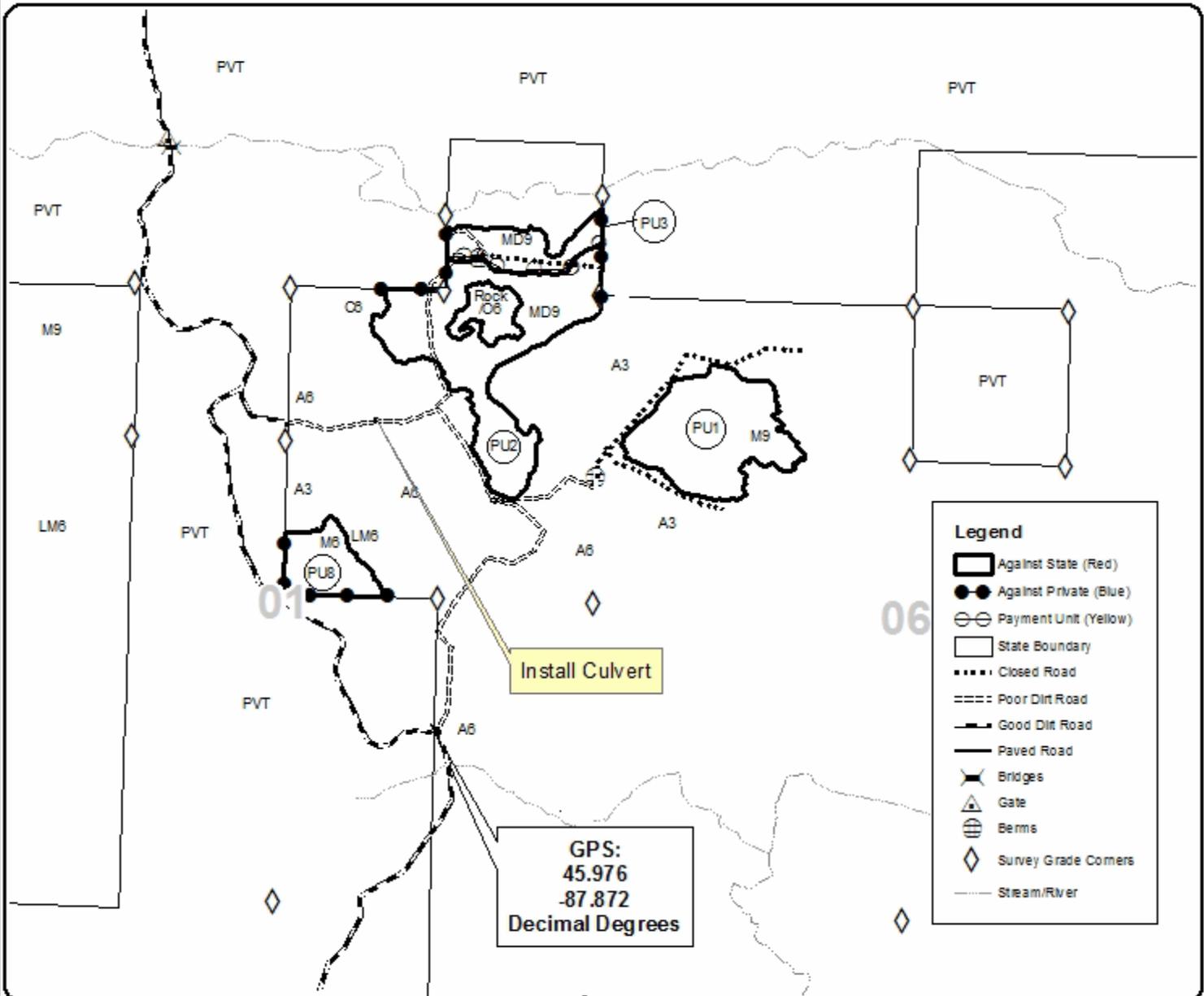
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TIMBER SALE MAP

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Forest Management Unit Crystal Falls	County Dickinson	Mapped By Jacob Siler	Date 08/26/2020	Page 3	of 3
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2: 33.7	5: 14.2	8: 8.7
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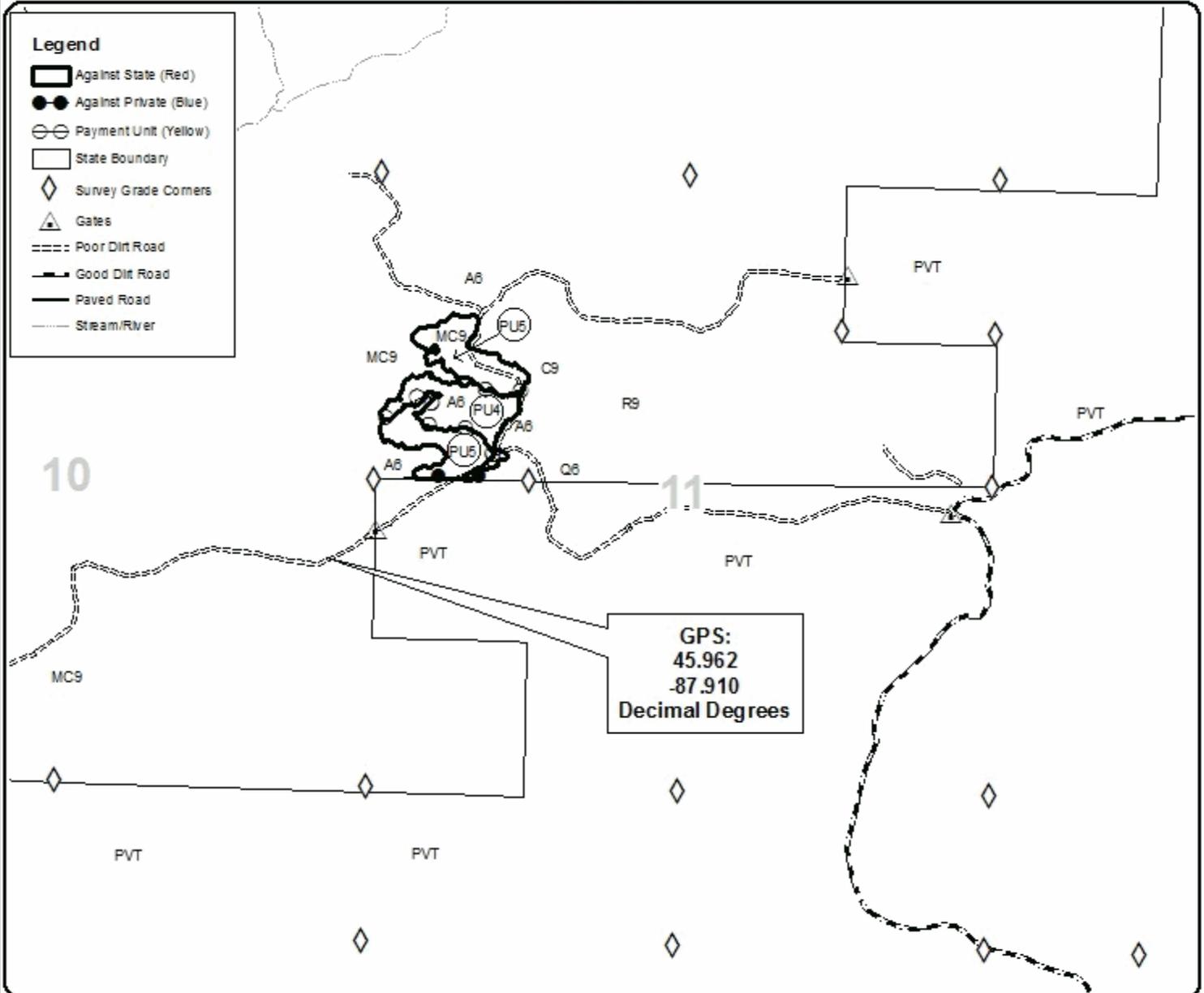
Jungle Crumble

140.8 Acres
Compartment
71 & 70

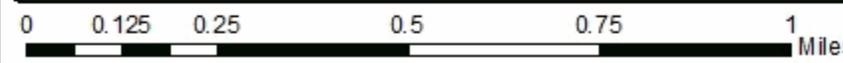


Legend

- Against State (Red)
- Against Private (Blue)
- Payment Unit (Yellow)
- State Boundary
- Survey Grade Corners
- Gates
- Poor Dirt Road
- Good Dirt Road
- Paved Road
- Stream/River



GPS:
45.962
-87.910
Decimal Degrees



From Home (12-003-20)
T40N, R28W, SEC. 19; T40N, R28W, SEC. 20; Dickinson COUNTY

In response to the notice of sale to be held 8:30 a.m. (local time) on February 24, 2021, 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	5.8 MBF	\$ 76.00/MBF	\$ _____
Paper Birch	36.0 MBF	\$ 59.00/MBF	\$ _____
Red Maple	44.2 MBF	\$ 102.00/MBF	\$ _____
Sugar Maple	19.3 MBF	\$ 174.00/MBF	\$ _____
White Ash	3.5 MBF	\$ 39.00/MBF	\$ _____
Pulpwood			
Balsam Fir	281 Cords	\$ 14.65/Cord	\$ _____
Mixed Aspen	2,583 Cords	\$ 28.75/Cord	\$ _____
Mixed Hardwood	889 Cords	\$ 18.85/Cord	\$ _____
Mixed Spruce	73 Cords	\$ 11.50/Cord	\$ _____
Paper Birch	259 Cords	\$ 8.55/Cord	\$ _____

*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

Jungle Crumble (12-012-20)

T41N, R28W, SEC. 6; T41N, R29W, SEC. 1; T41N, R29W, SEC. 11; T41N, R29W,

In response to the notice of sale to be held 8:30 a.m. (local time) on February 24, 2021, 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	15.0 MBF	\$ 76.00/MBF	\$ _____
Paper Birch	5.0 MBF	\$ 59.00/MBF	\$ _____
Red Maple	9.0 MBF	\$ 102.00/MBF	\$ _____
Red Pine	28.8 MBF	\$ 112.00/MBF	\$ _____
Sugar Maple	24.3 MBF	\$ 174.00/MBF	\$ _____
White Ash	8.9 MBF	\$ 39.00/MBF	\$ _____
White Pine	15.6 MBF	\$ 31.00/MBF	\$ _____
Pulpwood			
Balsam Fir	49 Cords	\$ 14.65/Cord	\$ _____
Mixed Aspen	879 Cords	\$ 28.75/Cord	\$ _____
Mixed Hardwood	1,180 Cords	\$ 18.85/Cord	\$ _____
Mixed Spruce	22 Cords	\$ 11.50/Cord	\$ _____
Red Pine	47 Cords	\$ 38.15/Cord	\$ _____
White Pine	52 Cords	\$ 16.15/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 9.21 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

Yellow Brick Road (12-009-20)

T40N, R29W, SEC. 22; T40N, R29W, SEC. 23; T40N, R29W, SEC. 27; T40N,

In response to the notice of sale to be held 8:30 a.m. (local time) on February 24, 2021, 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	76.2 MBF	\$ 65.00/MBF	\$ _____
Beech	11.1 MBF	\$ 41.00/MBF	\$ _____
Paper Birch	2.6 MBF	\$ 50.00/MBF	\$ _____
Red Oak	32.8 MBF	\$ 96.00/MBF	\$ _____
Sugar Maple	23.5 MBF	\$ 150.00/MBF	\$ _____
White Ash	43.2 MBF	\$ 34.00/MBF	\$ _____
Yellow Birch	2.8 MBF	\$ 35.00/MBF	\$ _____
Pulpwood			
Balsam Fir	18 Cords	\$ 12.55/Cord	\$ _____
Jack Pine	6 Cords	\$ 17.10/Cord	\$ _____
Mixed Aspen	717 Cords	\$ 24.65/Cord	\$ _____
Mixed Hardwood	2,203 Cords	\$ 16.10/Cord	\$ _____
Red Oak	157 Cords	\$ 15.75/Cord	\$ _____
White Spruce	12 Cords	\$ 9.90/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 8.97 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