



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #6954**

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on May 24, 2022.

LOCATION: TRAVERSE CITY MGMT UNIT, 2122 M 37 SOUTH, TRAVERSE CITY, MI 49685.

CONTACT NAME: David Lemmien

PHONE NUMBER: (231) 922-6040

PROSPECTUS NOTE: Effective immediately: all bid openings for the Traverse City Management (Kalkaska Field Office and Traverse City Field Office) will be held at the Traverse City Field Office regardless of sale location within the unit. All payments will now be handled through the Traverse City Field Office. The Kalkaska Field Office will no longer accept payments or hard paper copies of timber sale bids. Payments for all contracts, use permits, bonds, etc. should be sent to the Traverse City Field Office.

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

**Bruin Block (61-051-21) / T27N, R09W, SEC. 14, S1/2SW,SWSE.
T27N, R09W, SEC. 23, NWNW.**

Grand Traverse County, Advertised Price \$20,308.60, 34.4 Acres, Aspen, 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.

See sale spec 5.1.6 for information on powerlines adjacent to sale.

Access may be through private land.

TIMBER SALE INFORMATION

Bruin Block (61-051-21)

T27N, R09W, SEC. 14; T27N, R09W, SEC. 23.
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A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
B. T. Aspen	48.3 MBF	\$ 95.00 / MBF
Red Maple	14.6 MBF	\$ 116.00 / MBF
Red Oak	5.8 MBF	\$ 106.00 / MBF
White Oak	2.6 MBF	\$ 67.00 / MBF
White Pine	81.1 MBF	\$ 41.00 / MBF
Pulpwood		
B. T. Aspen	328 Cords	\$ 13.55 / Cord
Red Maple	168 Cords	\$ 14.75 / Cord
Red Oak	42 Cords	\$ 16.90 / Cord
White Oak	3 Cords	\$ 16.90 / Cord
White Pine	130 Cords	\$ 17.15 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 7.44 percent. There are an estimated 996 cords on this timber sale, plus or minus 74 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 \$1,015.43 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	34.8%
02	65.2%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2024.

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
78,681	996	7.44%	922	1,070

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
95	39,463	500	9.96%	450	549
102	14,100	178	19.25%	144	213
107	25,118	318	13.48%	275	361
TOTAL:	78,681	996		869	1,123

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
95	11.5	2	11.5
102	5.8	2	5.8
107	17.1	1	17.1
TOTAL:	34.4		34.4

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE				
1	B. T. Aspen	Sawtimber	31.6	MBF	17.1	\$7,071.95				
	Red Maple		2.9	MBF						
	Red Oak		1.5	MBF						
	White Pine		13.7	MBF						
	B. T. Aspen		113	Cords						
	Red Maple		74	Cords						
	Red Oak		17	Cords						
	White Pine		6	Cords						
2	B. T. Aspen	Sawtimber	16.7	MBF	17.3	\$13,236.65				
	Red Maple		11.7	MBF						
	Red Oak		4.3	MBF						
	White Oak		2.6	MBF						
	White Pine		67.4	MBF						
	B. T. Aspen		215	Cords						
	Red Maple		94	Cords						
	Red Oak		25	Cords						
	White Oak		3	Cords						
	White Pine		124	Cords						
	TOTAL:			152.4			MBF			
	TOTAL:			671			Cords			

Sale Specific Conditions & Requirements

Sale Name: Bruin Block

Sale Number: 61-051-21 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

2.1.3 - 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. In addition, cut all aspen. Do not cut or damage and hemlock or birch trees.

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 pine 4" at DBH or less and trees marked with green paint above and below stump height. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.2 - Utilization

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit(s) 1 and 2. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with green paint. In addition, no hemlock or birch should be cut or damaged. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$25 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesigned timber.

4 - Transportation

4.1 - Construction

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 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

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

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

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 3 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

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

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line. The access road on the north edge of Payment Unit 1 is on the private ownership for a short distance. This is a shared road and should not be a problem, but contact should be made. R.O.W. for operations. Contact Consumer's Power (616) 690-3818

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 30 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

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

Within Payment Unit(s) 1 and 2 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.

5.2.38 - 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.

5.4.4 - Slope protection (9/19)

Skid trails and roads on slopes shall be water barred with slash and stumps as soon as use is complete to prevent erosion.

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

**TIMBER SALE MAP**

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

Sale Number	Year
61-051	21

Forest Management Unit Traverse City	County Grand Traverse	Mapped By Ruppen	Date 9/30/2021	Page 1	of 1
Township 27 N	Range 9 W	Section(s) and Subdivision(s) Sec 14 S1/2SW SWSE Sec 23 NWNW	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 Hardwoods	M = Mpl. Ech. 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 = Cress	MD = Mixed Deciduous	T = Tamarack			

PU Acres

1	17.1
2	17.3

Bruin Block

Compartment 40

34.4 Acres

