



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7131**

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on November 17, 2022.

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

CONTACT NAME: David Fisher

PHONE NUMBER: (231) 745-4651

PROSPECTUS NOTE: Effective immediately: all bid openings for the Traverse City Management Unit (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:

Hideaway Aspen (61-129-22) / T28N, R05W, SEC. 2, NW, N1/2NE, SWNE, E1/2SW, N1/2SE.

T28N, R05W, SEC. 2, SWSE.

T28N, R05W, SEC. 3, N1/2NW, N1/2NE, SENE.

T28N, R05W, SEC. 4, NENE.

Kalkaska County, Advertised Price \$108,238.75, 238.3 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.

TIMBER SALE INFORMATION

Hideaway Aspen (61-129-22)

T28N, R05W, SEC. 2; T28N, R05W, SEC. 3; T28N, R05W, SEC. 4.
Kalkaska County (Advertised Price \$108,238.75)

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 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	108.5 MBF	\$ 94.00 / MBF
Basswood	25.3 MBF	\$ 87.00 / MBF
Black Cherry	14.8 MBF	\$ 127.00 / MBF
Quaking Aspen	29.7 MBF	\$ 94.00 / MBF
Red Maple	29.6 MBF	\$ 115.00 / MBF
Red Oak	38.4 MBF	\$ 97.00 / MBF
Red Pine	29.5 MBF	\$ 92.00 / MBF
Sugar Maple	170.2 MBF	\$ 233.00 / MBF
White Pine	99.1 MBF	\$ 47.00 / MBF
Pulpwood		
B. T. Aspen	545 Cords	\$ 17.00 / Cord
Black Cherry	225 Cords	\$ 18.95 / Cord
Mixed Hardwood	331 Cords	\$ 18.95 / Cord
Quaking Aspen	386 Cords	\$ 17.00 / Cord
Red Maple	269 Cords	\$ 18.95 / Cord
Red Oak	54 Cords	\$ 15.45 / Cord
Red Pine	64 Cords	\$ 37.35 / Cord
White Pine	123 Cords	\$ 18.90 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 14.24 percent. There are an estimated 3,274 cords on this timber sale, plus or minus 466 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 \$5,411.94 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	13.0%
02	3.6%
03	17.5%
04	7.5%
05	25.0%
06	33.4%
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
258,640	3,274	14.24%	2,807	3,740

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
3	52,087	659	24.84%	496	823
10	18,236	231	31.29%	159	303
25	62,185	787	32.80%	529	1,045
38	53,811	681	23.14%	524	839
41	19,932	252	57.26%	108	397
45	52,390	663	36.65%	420	906
TOTAL:	258,640	3,274		2,235	4,313

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	44.1	1	44.1
10	16.6	2	16.6
25	36.1	3	36.1
38	78.2	6	78.2
41	31.5	4	31.5
45	31.8	5	31.8
TOTAL:	238.3		238.3

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	14.9	MBF	44.1	\$14,066.20
	Quaking Aspen		29.7	MBF		
	Red Pine		2.8	MBF		
	White Pine		46.1	MBF		
	B. T. Aspen	Pulpwood	24	Cords		
	Black Cherry		34	Cords		
	Quaking Aspen		264	Cords		
	Red Maple		15	Cords		
	Red Pine		1	Cords		
	White Pine		84	Cords		
2	White Pine	Sawtimber	18.6	MBF	16.6	\$3,857.10
	Black Cherry	Pulpwood	34	Cords		
	Quaking Aspen		122	Cords		
	White Pine		14	Cords		
3	B. T. Aspen	Sawtimber	80.4	MBF	36.1	\$18,896.75
	Basswood		15.2	MBF		
	White Pine		32.5	MBF		
	B. T. Aspen	Pulpwood	398	Cords		
	Mixed Hardwood		15	Cords		
	<i>Basswood</i>		9	<i>Cords</i>		
	<i>Ironwood</i>		6	<i>Cords</i>		
	Red Maple		52	Cords		
	White Pine		24	Cords		
4	Black Cherry	Sawtimber	14.8	MBF	31.5	\$8,160.15
	Red Pine		24.6	MBF		
	White Pine		1.9	MBF		
	Black Cherry	Pulpwood	86	Cords		
	Mixed Hardwood		4	Cords		
	<i>Sugar Maple</i>		4	<i>Cords</i>		
	Red Pine		59	Cords		
	White Pine		1	Cords		
5	B. T. Aspen	Sawtimber	13.2	MBF	31.8	\$27,023.45
	Red Maple		23.2	MBF		
	Sugar Maple		63.3	MBF		
	B. T. Aspen	Pulpwood	123	Cords		
	Black Cherry		71	Cords		
	Mixed Hardwood		45	Cords		
	<i>Basswood</i>		4	<i>Cords</i>		
	<i>Sugar Maple</i>		41	<i>Cords</i>		
	Red Maple		198	Cords		
	Red Oak		21	Cords		
6	Basswood	Sawtimber	10.1	MBF	78.2	\$36,235.10
	Red Maple		6.4	MBF		
	Red Oak		38.4	MBF		
	Red Pine		2.1	MBF		
	Sugar Maple		106.9	MBF		
	Mixed Hardwood	Pulpwood	267	Cords		
	<i>Yellow Birch</i>	<i>Sawtimber</i>	3.9	<i>MBF</i>		
	<i>Basswood</i>	<i>Pulpwood</i>	11	<i>Cords</i>		
	<i>Ironwood</i>		3	<i>Cords</i>		
	<i>Sugar Maple</i>		236	<i>Cords</i>		
	<i>Yellow Birch</i>		9	<i>Cords</i>		
	Red Maple		4	Cords		
	Red Oak		33	Cords		
	Red Pine		4	Cords		

TOTAL:	545.1	MBF
TOTAL:	1,997	Cords

Sale Specific Conditions & Requirements

Sale Name: Hideaway Aspen

Sale Number: 61-129-22 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 blue paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1, 2, 4 & 6, cut all trees that are two (2) inches or more at DBH. In addition for payment units 1 & 2 leave all pine under 6 inches in diameter.

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

Within Payment Unit(s) 3 & 5, cut all trees which meet minimum piece specifications in 2.2 Utilization. In addition leave all sugar maple within unit 3 and leave all pine in unit 5.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Units 4 & 6 must be chip harvested to facilitate subsequent planting operations. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. A chipping exemption can be obtained if proposed operations are determined to be suitable for planting by reforestation staff. This exemption must be granted in writing. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 4 & 6 shall not exceed 6 inches for all trees. This is in order to facilitate planting operations.

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) 3 & 5. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

4 - Transportation

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

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

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 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 5 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.

5.2 - Conduct of Operations

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.

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

The Snowmobile trail and ORV route are within the sale area and are shown on the Timber Sale Map. Do not cut trees or damage posts with yellow or orange markers. Maintain a 20 foot wide slash, debris, and rut free zone daily using the trail or route as the centerline. Do not skid wood down the 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 snowmobile trail is within the sale area 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 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. No decking of forest products will be permitted along the snowmobile trail.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (10/20)

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

**TIMBER SALE MAP**

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

Sale Number	Year
61-127	22

Forest Management Unit Traverse City FMU	County Kalkaska	Mapped By Roell	Date 08/30/2022	Page 1	of 1
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Township 28N	Range 05W	Section(s) and Subdivision(s) Portions of Sections 02 and 03	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 = Tread Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hardwoods	M = Mpl, Bch, Bach	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	MD = Mixed Deciduous	T = Tamarack	

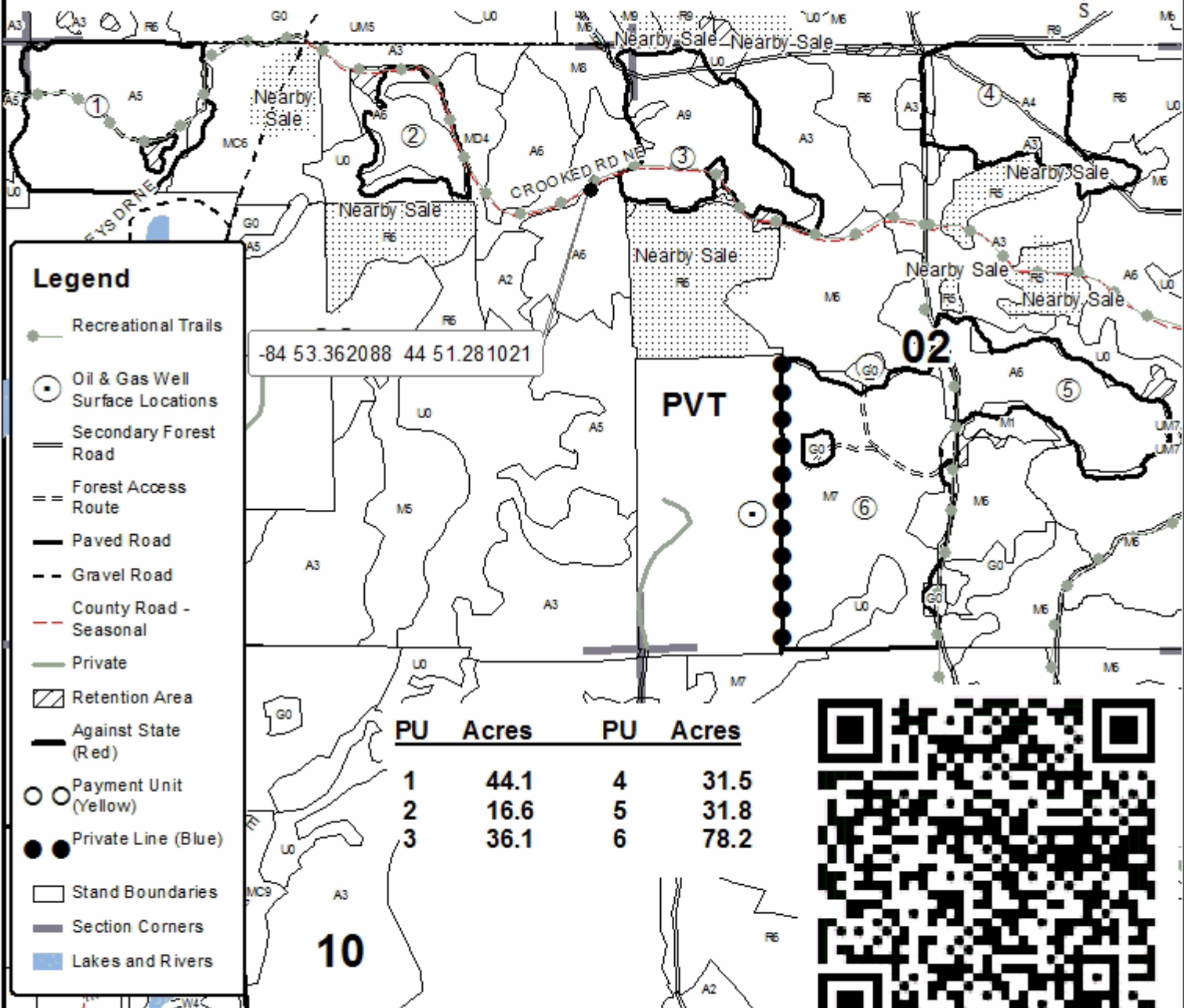
Density

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

Hideaway Aspen

Compartment 101

238.3 Acres



0 0.125 0.25 0.5 0.75 1 Miles

