



**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:

Whitetail Aspen (61-128-22) / T27N, R08W, SEC. 11, SE.

T27N, R08W, SEC. 12, NW,NWNE,NESW,SE.

Kalkaska County, Advertised Price \$51,863.60, 103.1 Acres, Aspen, White Pine.

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

Whitetail Aspen (61-128-22)

T27N, R08W, SEC. 11; T27N, R08W, SEC. 12.

Kalkaska County (Advertised Price \$51,863.60)

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		
Black Cherry	8.9 MBF	\$ 127.00 / MBF
Red Maple	15.3 MBF	\$ 115.00 / MBF
Red Oak	70.9 MBF	\$ 97.00 / MBF
Red Pine	7.5 MBF	\$ 92.00 / MBF
White Pine	157.0 MBF	\$ 47.00 / MBF
Pulpwood		
B. T. Aspen	809 Cords	\$ 17.00 / Cord
Black Cherry	8 Cords	\$ 18.95 / Cord
Jack Pine	5 Cords	\$ 14.95 / Cord
Red Maple	376 Cords	\$ 18.95 / Cord
Red Oak	347 Cords	\$ 15.45 / Cord
Red Pine	80 Cords	\$ 37.35 / Cord
White Pine	242 Cords	\$ 18.90 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.00 percent. There are an estimated 2,461 cords on this timber sale, plus or minus 320 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$2,593.18 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	39.9%
02	40.8%
03	10.8%
04	8.5%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2024.

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.

<u>VOLUME</u>		<u>STATISTICAL RANGE IN CORDS</u>		
<u>TOTAL CUBIC FEET</u>	<u>TOTAL CORDS</u>	<u>PERCENT ERROR</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>
194,405	2,461	13.00%	2,141	2,781

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
101	77,980	987	15.37%	835	1,139
113	83,514	1,057	17.30%	874	1,240
122	20,401	258	56.94%	111	405
141	12,510	158	56.55%	69	248
TOTAL:	194,405	2,461		1,890	3,032

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
101	36.6	1	36.6
113	36.5	2	36.5
122	16.2	3	16.2
141	13.8	4	13.8
TOTAL:	103.1		103.1

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Oak	Sawtimber	52.8	MBF	36.6	\$20,703.40
	White Pine		74.6	MBF		
	B. T. Aspen	Pulpwood	256	Cords		
	Black Cherry		3	Cords		
	Jack Pine		5	Cords		
	Red Maple		97	Cords		
	Red Oak		151	Cords		
	White Pine		181	Cords		
2	Red Maple	Sawtimber	15.3	MBF	36.5	\$21,151.40
	White Pine		71.2	MBF		
	B. T. Aspen	Pulpwood	505	Cords		
	Red Maple		101	Cords		
	Red Oak		137	Cords		
	Red Pine		64	Cords		
	White Pine		55	Cords		
3	Black Cherry	Sawtimber	8.9	MBF	16.2	\$5,623.70
	Red Oak		3.6	MBF		
	B. T. Aspen	Pulpwood	48	Cords		
	Black Cherry		5	Cords		
	Red Maple		169	Cords		
	Red Oak		2	Cords		
4	Red Oak	Sawtimber	14.5	MBF	13.8	\$4,385.10
	Red Pine		7.5	MBF		
	White Pine		11.2	MBF		
	Red Maple	Pulpwood	9	Cords		
	Red Oak		57	Cords		
	Red Pine		16	Cords		
	White Pine		6	Cords		
TOTAL:			259.6	MBF		
TOTAL:			1,867	Cords		

Sale Specific Conditions & Requirements

Sale Name: Whitetail Aspen

Sale Number: 61-128-22 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 blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-4, cut all trees that are two (2) inches or more at DBH except white pine under 5 inches, trees marked with green paint and white oak. In addition within PU 3 leave all pine.

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 a Payment Unit to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 10 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

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

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

5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1-4 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.

5.2.32 - 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.

5.2.40 - Pathway protection (10/10)

The horse trail is within Unit 3 and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the sale administrator.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

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

6 - Safety and Fire Prevention

6.2 - Signing

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on all recreation 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
61-128	22
Date	Page of
08/30/2022	1 of 1
Scale	1:15,840

Forest Management Unit	County	Mapped By
Traverse City FMU	Kalkaska	Roell
Township	Range	Section(s) and Subdivision(s)
27N	08W	SE 1/4 Sec 11 portions of Sec 12

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

PU	Acres	PU	Acres
1	36.6	4	13.8
2	36.5		
3	16.2		

Whitetail Aspen

Compartment 167

103.1 Acres



-85 13.9293 44 45.1839

PVT

PVT

11

12

Legend

- Recreational Trails
- Oil & Gas Well Surface Locations
- Highways
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- Temporary Management Access
- Retention Area
- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Stand Boundaries
- Section Corners
- Lakes and Rivers

0 0.125 0.25 0.5 0.75 1 Miles