



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7266**

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on November 7, 2023.

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

CONTACT NAME: Patrick Cotant

PHONE NUMBER: (231) 649-0544

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:

Camp Pug Complex (61-014-23) / T25N, R09W, SEC. 20, E1/2NW, NE.

T25N, R09W, SEC. 21, W1/2NW, SWSW.

Grand Traverse County, Advertised Price \$125,957.10, 122.4 Acres, Red Oak, Red 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

Camp Pug Complex (61-014-23)

T25N, R09W, SEC. 20; T25N, R09W, SEC. 21.

Grand Traverse County (Advertised Price \$125,957.10)

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	79.3 MBF	\$ 113.00 / MBF
Black Cherry	2.9 MBF	\$ 191.00 / MBF
Red Maple	23.8 MBF	\$ 140.00 / MBF
Red Oak	262.1 MBF	\$ 105.00 / MBF
Red Pine	242.9 MBF	\$ 112.00 / MBF
Sugar Maple	14.1 MBF	\$ 256.00 / MBF
White Oak	70.5 MBF	\$ 68.00 / MBF
White Pine	127.5 MBF	\$ 69.00 / MBF
Pulpwood		
B. T. Aspen	203 Cords	\$ 18.10 / Cord
Mixed Hardwood	39 Cords	\$ 19.90 / Cord
Red Maple	151 Cords	\$ 19.90 / Cord
Red Oak	224 Cords	\$ 26.15 / Cord
Red Pine	427 Cords	\$ 48.40 / Cord
White Oak	102 Cords	\$ 26.15 / Cord
White Pine	213 Cords	\$ 21.30 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 10.26 percent. There are an estimated 3,147 cords on this timber sale, plus or minus 323 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 \$6,297.86 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	26.4%
02	5.4%
03	5.7%
04	18.3%
05	2.1%
06	10.0%
07	32.1%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2026.

SALE STATISTICS

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

SALE VOLUMES

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

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
248,614	3,147	10.26%	2,824	3,470

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
8	37,958	480	34.48%	315	646
12	27,607	349	49.17%	178	521
22	15,475	196	84.84%	30	362
25	4,446	56	54.13%	26	87
38	35,947	455	21.61%	357	553
40	28,579	362	36.68%	229	494
44	11,083	140	39.40%	85	196
71	87,520	1,108	14.08%	952	1,264
TOTAL:	248,614	3,147		2,171	4,123

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
8	23.9	1	23.9
12	10.9	1	10.9
22	6.2	3	6.2
25	4.7	5	4.7
38	20.3	4	20.3
40	14.6	6	14.6
44	6.2	2	6.2
71	35.6	7	35.6
TOTAL:	122.4		122.4

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	26.9	MBF	34.8	\$33,230.45
	Red Maple		14.4	MBF		
	Red Oak		162.5	MBF		
	Red Pine		6.8	MBF		
	Sugar Maple		14.1	MBF		
	White Oak		2.9	MBF		
	B. T. Aspen	Pulpwood	121	Cords		
	Mixed Hardwood		33	Cords		
	<i>Sugar Maple</i>		33	<i>Cords</i>		
	Red Maple		30	Cords		
	Red Oak		101	Cords		
	Red Pine		4	Cords		
	White Oak		2	Cords		
	White Pine		10	Cords		
2	Red Pine	Sawtimber	9.8	MBF	6.2	\$6,760.40
	Red Pine	Pulpwood	117	Cords		
3	B. T. Aspen	Sawtimber	21.2	MBF	6.2	\$7,195.25
	Red Maple		4.4	MBF		
	Red Oak		17.6	MBF		
	White Oak		9.7	MBF		
	B. T. Aspen	Pulpwood	18	Cords		
	Red Maple		35	Cords		
	Red Oak		11	Cords		
	White Oak		14	Cords		
4	Red Oak	Sawtimber	18.8	MBF	20.3	\$22,993.40
	Red Pine		140.9	MBF		
	B. T. Aspen	Pulpwood	25	Cords		
	Red Oak		18	Cords		
	Red Pine		87	Cords		
	White Oak		4	Cords		
5	Red Pine	Sawtimber	5.1	MBF	4.7	\$2,700.80
	Red Pine	Pulpwood	44	Cords		
6	B. T. Aspen	Sawtimber	6.6	MBF	14.6	\$12,536.45
	Black Cherry		2.9	MBF		
	Red Maple		2.5	MBF		
	Red Oak		41.4	MBF		
	White Oak		35.7	MBF		
	White Pine		8.9	MBF		
	B. T. Aspen	Pulpwood	11	Cords		
	Mixed Hardwood		6	Cords		
	<i>Black Cherry</i>		6	<i>Cords</i>		
	Red Maple		11	Cords		
	Red Oak		58	Cords		
	White Oak		43	Cords		
	White Pine		15	Cords		
7	B. T. Aspen	Sawtimber	24.6	MBF	35.6	\$40,540.35
	Red Maple		2.5	MBF		
	Red Oak		21.8	MBF		
	Red Pine		80.3	MBF		
	White Oak		22.2	MBF		
	White Pine		118.6	MBF		
	B. T. Aspen	Pulpwood	28	Cords		
	Red Maple		75	Cords		
	Red Oak		36	Cords		
	Red Pine		175	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	White Oak	Pulpwood	39	Cords		
	White Pine		188	Cords		
TOTAL:			823.1	MBF		
TOTAL:			1,359	Cords		

Sale Specific Conditions & Requirements

Sale Name: Camp Pug Complex

Sale Number: 61-014-23 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 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 leave all red and white pine.

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

Within Payment Unit(s) 6 & 7, cut all trees which meet minimum piece specifications in 2.2 Utilization, except leave all trees marked with green paint. In addition, do not cut retention islands marked in red in Payment Unit 7, as shown on the Timber Sale Map.

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

Within Payment Unit(s) 5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. Additionally, cut all aspen.

2.1.5 - Overstory removal unit(s) (8/11)

Within Payment Unit(s) 1 & 4, all trees with DBH equal to or greater than five (5) inches which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except hemlock and any trees marked with green paint. Additionally, in Payment Unit 1, leave all red and white pine unless marked with orange paint.

2.1.8 - Designated plantation row unit(s) (12/08)

Within Payment Unit(s) 2, all trees which meet minimum piece specifications in 2.2 Utilization, within designated plantation rows are designated for cutting. Designated plantation rows are every third row. Begin with the third row in from the outside of the plantation, then continue every third row. Because of the variability of row direction, it shall be the responsibility of the producer to maintain the third-row sequence. In addition, to every third row, cut all orange marked trees.

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

4.2.5 - 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 3 days in advance to schedule the conference.

5.2 - Conduct of Operations

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

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 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. If the producer can work without damage to residual trees, this restriction may be lifted upon approval from the Sale Administrator.

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

Within Payment Unit(s) 1 & 4, cutting and skidding within the sale, along with 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.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 3, 6, & 7, unless changed by written agreement, 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. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

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

A dirt bike trail runs through Payment Unit 7 and is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 15-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.

5.2.40 - Pathway protection (10/10)

The NCT hiking trail runs along the two track road on the east edge of Payment Unit 7. 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 or trucks down the pathway.

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

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the ORV trail that runs through Payment Unit 7 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

61-014-23

Year

23

Forest Management Unit

Traverse City

County

Grand Traverse

Mapped By

Ventimiglia

Date

06/16/23

Page

1

of

1

Township

25N

Range

09W

Section(s) and Subdivision(s)

Section 20 and 21 Various

Scale

1:15,840

Cover Type

A = Aspen
B = Paper Birch
C = Cedar
D = Treed Bog
E = Swamp Hdwoods
F = Spruce Fir
G = Grass
H = Hemlock
J = Jack Pine
L = Lowland Brush
LM = Lowland Mixed
M = Mpl, Bch, Brch
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

Density

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	34.8	5	4.7
2	6.2	6	14.6
3	6.2	7	35.6
4	20.3		

Camp Pug Mix

Compartment 56

122.4 Acres

