



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6974**

**REVISION NOTICE #1 - January 12, 2022**

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on Thursday, January 27, 2022

LOCATION: TRAVERSE CITY MGMT UNIT, 2122 M 37 South, Traverse City, MI 49685

This prospectus has been modified with the following changes.

Pioneer Pine (61-065-21) has been withdrawn from this prospectus.

We apologize for any inconvenience this may have caused. If you need assistance, please contact David Lemmien at 231-922-6040.



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CONTACT NAME: David Lemmien

PHONE NUMBER: (231) 922-6040

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

Homecoming Aspen (61-067-21) / T26N, R10W, SEC. 19, NESW,S1/2SW,W1/2SE.

T26N, R10W, SEC. 30, NW,NWNE,N1/2SW.

Grand Traverse County, Advertised Price \$57,988.60, 124.4 Acres, Aspen, Hardwood.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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

### Homecoming Aspen (61-067-21)

T26N, R10W, SEC. 19; T26N, R10W, SEC. 30.

Grand Traverse County (Advertised Price \$57,988.60)

**SALE NOTE:** All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Black Cherry	3.0 MBF	\$ 123.00 / MBF
Mixed Aspen	216.1 MBF	\$ 79.00 / MBF
Red Maple	137.5 MBF	\$ 106.00 / MBF
Red Oak	14.4 MBF	\$ 92.00 / MBF
Red Pine	22.6 MBF	\$ 71.00 / MBF
White Pine	37.4 MBF	\$ 29.00 / MBF
Pulpwood		
Mixed Aspen	794 Cords	\$ 10.75 / Cord
Mixed Hardwood	594 Cords	\$ 11.30 / Cord
Mixed Oak	57 Cords	\$ 12.70 / Cord
Red Pine	96 Cords	\$ 28.05 / Cord
White Pine	278 Cords	\$ 11.85 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 6.57 percent. There are an estimated 2,767 cords on this timber sale, plus or minus 182 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 \$2,899.43 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	34.9%
02	2.6%
03	3.8%
04	43.4%
05	2.6%
06	12.5%
07	0.2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 04/14/2025.

### **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
218,618	2,767	6.57%	2,585	2,949

## 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
56	76,814	972	13.26%	843	1,101
59	9,870	125	32.88%	84	166
71	881	11	47.14%	6	16
73	5,831	74	26.40%	54	93
75	31,279	396	11.81%	349	443
90	4,199	53	36.85%	34	73
91	82,935	1,050	9.46%	950	1,149
<b>TOTAL:</b>	<b>211,809</b>	<b>2,681</b>		<b>2,321</b>	<b>3,042</b>

## 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
56	21.6	1	21.6
59	15.6	2	15.6
71	7.3	7	7.3
73	10.1	3	10.1
75	16.4	6	16.4
90	13.4	5	13.4
91	40.0	4	40.0
<b>TOTAL:</b>	<b>124.4</b>		<b>124.4</b>

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	3.0	MBF	21.6	\$20,228.85
	Mixed Aspen		65.9	MBF		
	<i>B. T. Aspen</i>		65.9	<i>MBF</i>		
	Red Maple	Pulpwood	53.3	MBF		
	Red Oak		14.4	MBF		
	Mixed Aspen		502	Cords		
	<i>B. T. Aspen</i>		450	<i>Cords</i>		
	<i>Quaking Aspen</i>		52	<i>Cords</i>		
	Mixed Hardwood		139	Cords		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		137	<i>Cords</i>		
	Mixed Oak		29	Cords		
	<i>Red Oak</i>		29	<i>Cords</i>		
	White Pine		29	Cords		
2	White Pine	Sawtimber	12.5	MBF	15.6	\$1,518.90
	Mixed Aspen	Pulpwood	10	Cords		
	<i>Quaking Aspen</i>		10	<i>Cords</i>		
	Mixed Hardwood		32	Cords		
	<i>Black Cherry</i>		16	<i>Cords</i>		
	<i>Red Maple</i>		16	<i>Cords</i>		
	White Pine		58	Cords		
3	Red Pine	Sawtimber	17.8	MBF	10.1	\$2,223.25
	Mixed Aspen	Pulpwood	6	Cords		
	<i>B. T. Aspen</i>		6	<i>Cords</i>		
	Mixed Oak		2	Cords		
	<i>Red Oak</i>		2	<i>Cords</i>		
	Red Pine		31	Cords		
4	Mixed Aspen	Sawtimber	112.7	MBF	40.0	\$25,154.90
	<i>B. T. Aspen</i>		101.0	<i>MBF</i>		
	<i>Quaking Aspen</i>		11.7	<i>MBF</i>		
	Red Maple	Pulpwood	79.2	MBF		
	Red Pine		4.8	MBF		
	Mixed Aspen		195	Cords		
	<i>B. T. Aspen</i>		112	<i>Cords</i>		
	<i>Quaking Aspen</i>		83	<i>Cords</i>		
	Mixed Hardwood		411	Cords		
	<i>Black Cherry</i>		70	<i>Cords</i>		
	<i>Paper Birch</i>		11	<i>Cords</i>		
	<i>Red Maple</i>		330	<i>Cords</i>		
	Red Pine		12	Cords		
	White Pine		37	Cords		
5	Red Pine	Pulpwood	53	Cords	13.4	\$1,486.65
6	Mixed Aspen	Sawtimber	37.5	MBF	16.4	\$7,236.05
	<i>B. T. Aspen</i>		37.5	<i>MBF</i>		
	Red Maple		5.0	MBF		
	White Pine	Pulpwood	24.9	MBF		
	Mixed Aspen		81	Cords		
	<i>B. T. Aspen</i>		67	<i>Cords</i>		
	<i>Quaking Aspen</i>		14	<i>Cords</i>		
	Mixed Hardwood		8	Cords		
	<i>Black Cherry</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		5	<i>Cords</i>		
	Mixed Oak		26	Cords		
	<i>Red Oak</i>		13	<i>Cords</i>		
	<i>White Oak</i>		13	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	White Pine	Pulpwood	146	Cords		
7	Mixed Hardwood	Pulpwood	4	Cords	7.3	\$140.00
	Black Cherry		4	Cords		
	White Pine		8	Cords		
TOTAL:			431.0	MBF		
TOTAL:			1,819	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Homecoming Aspen**

**Sale Number: 61-067-21 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 red and yellow paint. Exterior sale boundary lines against state land are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint, except the boundary between Payment Units 1 and 2 is marked with red paint as marked on the Timber Sale Map. Retention patches are marked with double red paint marks; 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) 1 and 4, cut all trees that are two (2) inches or more at DBH, except for any trees marked with green paint. In addition,

- Within Payment Unit 1: do not cut any white oak;
- Within Payment Unit 4: do not cut any red pine unless marked with orange paint, any white pine greater than 18" at DBH, or any oak. Maple and pine saplings (less than 4.6" at DBH) may be left standing if undamaged.

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

Within Payment Unit(s) 2 and 7, cut all trees which meet minimum piece specifications in 2.2 Utilization, except for oaks or any trees marked with green paint. Do not cut any witch hazel or junberry.

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

Within Payment Unit(s) 3 and 5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

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

Within Payment Unit(s) 6, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting except trees marked with green paint above and below stump height.

### **4 - Transportation**

#### **4.1 - Construction**

##### **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 and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 30 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. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. 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: On the "Sale Access Route" shown on the Timber Sale Map through Payment Units 3 and 4, the Purchaser must ditch and crown a 150-yard-long portion of this road plus several other short stretches as

designated by the sale administrator. After initial reshaping, the Purchaser is required to purchase and spread at least 200 cubic yards of pit run gravel with maximum stone size of 6 inches in diameter. Alternatively for the 150-yard portion of road the Purchaser may reroute that portion to adjacent higher ground as approved by the timber sale administrator and cap that stretch with 23A crushed gravel at least 4" deep and 10' wide. Gravel placement will be as designated by the sale administrator.

#### 4.4 - Access

##### 4.4.4 - Restricted access (10/05)

Payment Units 1 and 2 must be accessed via the existing forest road running north from Blair Townhall Road. Access via Freedom Road will not be allowed to avoid conflicts with other users and resource values.

## 5 - Operations

### 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

##### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 3 and 5, 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) 1, 2, 4, 6, and 7, 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.

##### 5.2.3.6 - Bark beetle restriction (12/08)

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1 through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.1 - Dead and down creation, marked trees (10/13)

All trees marked with an orange "X" must be felled and left on site for wildlife. Either cut these trees at 4 feet above ground level and place the cut trunk against the resulting high stump or cut at ground level and place the cut trunk against a small nearby tree retained for this purpose.

#### 5.2.22 - Operating Caution

##### 5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 3-5, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because soil may be saturated in these Payment Units during wet periods, resulting in a high risk of rutting.

##### 5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

### 5.3 - Stream Protection

#### 5.3.1 - Operating near stream (7/04)



No tracked or wheeled vehicles shall be operated within 50 feet of Jaxon Creek (west of Payment Units 1 and 6, as shown on the Timber Sale Map). Timber sale operation in this area may not go beyond the painted timber sale boundaries.

#### 5.4 - Soil Protection

##### 5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the "N" types to the southeast of Payment Unit 6. All equipment, trees and tops should be kept out of this area. 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

##### 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Blair Townhall Road prior to beginning operations. The road must be posted approximately 350 feet 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	
61-067		21	
Date	Page	of	
09/23/2021	1	1	

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	PU	Acres	PU	Acres
1	21.6	4	40.0	7	7.3
2	15.6	5	13.4		
3	10.1	6	16.4		

**Homecoming Aspen**

Compartment 61050

124.4 Acres

