



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6999**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on April 28, 2022.**

LOCATION: **NEWBERRY MGMT UNIT, 5666 S STATE HWY M 123, NEWBERRY, MI 49868.**

CONTACT NAME: Keith Magnusson

PHONE NUMBER: (906) 291-0120

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

Toilet Bowl Aspen (42-003-21) / T45N, R09W, SEC. 28, W1/2NW.

T45N, R09W, SEC. 29, N1/2SW, N1/2SE, SWSE.

T45N, R09W, SEC. 29, NWNW, S1/2NW, NENE, S1/2NE.

Luce County, Advertised Price \$53,675.75, 112.0 Acres, Aspen, Spruce/Fir/Tamarack.

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

The following road maintenance may be needed: cleaning of drainage areas, grading, crowning, and filling with gravel, if necessary.

McLeod Road is an ORV trail or route and is shown on the Timber Sale Map. Sale Spec. 5.2.39 for additional information.

The Newberry-Rexton Motorcycle Trail is a motorcycle trail and is shown on the Timber Sale Map. See Sale Spec. 5.2.40 for restrictions.

The McLeod Road is a snowmobile trail and is shown on the Timber Sale Map. See Sale Spec. 5.2.41 for additional details.

Unique sale conditions occur on this sale. See Sale Spec. 99.1 for more information.

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

### Toilet Bowl Aspen (42-003-21)

T45N, R09W, SEC. 28; T45N, R09W, SEC. 29.  
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Unique sale conditions occur on this sale. See Sale Spec. 99.1 for more information.

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	1.3 MBF	\$ 80.00 / MBF
Red Maple	7.4 MBF	\$ 77.00 / MBF
Pulpwood		
Balsam Fir	223 Cords	\$ 9.05 / Cord
Jack Pine	2 Cords	\$ 16.25 / Cord
Mixed Aspen	2,094 Cords	\$ 19.10 / Cord
Mixed Hardwood	243 Cords	\$ 10.85 / Cord
Mixed Spruce	278 Cords	\$ 18.60 / Cord
Red Pine	26 Cords	\$ 43.30 / Cord
White Pine	155 Cords	\$ 13.05 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 5.50 percent. There are an estimated 2,976 cords on this timber sale, plus or minus 164 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 \$2,683.79 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	20.2%
02	23.7%
03	23.4%
04	9.7%
05	23.0%

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
235,103	2,976	5.50%	2,812	3,140

## 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
7	55,456	702	9.71%	634	770
31	101,934	1,290	9.18%	1,172	1,409
35	82,843	1,049	9.13%	953	1,144
<b>TOTAL:</b>	<b>240,233</b>	<b>3,041</b>		<b>2,759</b>	<b>3,323</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
7	18.2	5	18.2
31	59.2	1	27.2
		2	32.0
35	34.6	3	24.5
		4	10.1
<b>TOTAL:</b>	<b>112.0</b>		<b>112.0</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	2.5	MBF	27.2	\$10,844.10
	Balsam Fir	Pulpwood	32	Cords		
	Mixed Aspen		432	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	<i>10.4</i>	<i>MBF</i>		
	<i>Quaking Aspen</i>		<i>21.0</i>	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	<i>205</i>	<i>Cords</i>		
	<i>Quaking Aspen</i>		<i>164</i>	<i>Cords</i>		
	Mixed Hardwood		42	Cords		
	<i>Black Cherry</i>		9	Cords		
	<i>Pin Cherry</i>		1	Cords		
	<i>Red Maple</i>		32	Cords		
	Mixed Spruce		40	Cords		
	<i>White Spruce</i>	<i>Sawtimber</i>	<i>1.1</i>	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	<i>10</i>	<i>Cords</i>		
	<i>White Spruce</i>		<i>28</i>	<i>Cords</i>		
	Red Pine		12	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	<i>4.8</i>	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	<i>2</i>	<i>Cords</i>		
	White Pine		30	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	<i>4.1</i>	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	<i>22</i>	<i>Cords</i>		
2	Red Maple	Sawtimber	2.9	MBF	32.0	\$12,749.65
	Balsam Fir	Pulpwood	38	Cords		
	Mixed Aspen		508	Cords		
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	<i>12.3</i>	<i>MBF</i>		
	<i>Quaking Aspen</i>		<i>24.6</i>	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	<i>242</i>	<i>Cords</i>		
	<i>Quaking Aspen</i>		<i>192</i>	<i>Cords</i>		
	Mixed Hardwood		50	Cords		
	<i>Black Cherry</i>		11	Cords		
	<i>Pin Cherry</i>		2	Cords		
	<i>Red Maple</i>		37	Cords		
	Mixed Spruce		47	Cords		
	<i>White Spruce</i>	<i>Sawtimber</i>	<i>1.3</i>	<i>MBF</i>		
	<i>Black Spruce</i>	<i>Pulpwood</i>	<i>12</i>	<i>Cords</i>		
	<i>White Spruce</i>		<i>32</i>	<i>Cords</i>		
	Red Pine		14	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	<i>5.6</i>	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	<i>3</i>	<i>Cords</i>		
	White Pine		35	Cords		
	<i>White Pine</i>	<i>Sawtimber</i>	<i>4.9</i>	<i>MBF</i>		
	<i>White Pine</i>	<i>Pulpwood</i>	<i>25</i>	<i>Cords</i>		
3	Red Maple	Sawtimber	1.4	MBF	24.5	\$12,564.05
	Balsam Fir	Pulpwood	72	Cords		
	Jack Pine		1	Cords		
	Mixed Aspen		411	Cords		
	<i>B. T. Aspen</i>		<i>128</i>	<i>Cords</i>		
	<i>Quaking Aspen</i>		<i>283</i>	<i>Cords</i>		
	Mixed Hardwood		58	Cords		
	<i>Black Cherry</i>		23	Cords		
	<i>Red Maple</i>		32	Cords		
	<i>Sugar Maple</i>		3	Cords		
	Mixed Spruce		133	Cords		
	<i>Black Spruce</i>		36	Cords		
	<i>White Spruce</i>		97	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
3 con't	White Pine <i>White Pine</i>	Pulpwood	64 64	Cords Cords		
4	Red Maple Balsam Fir Jack Pine Mixed Aspen <i>B. T. Aspen</i> <i>Quaking Aspen</i> Mixed Hardwood <i>Black Cherry</i> <i>Red Maple</i> <i>Sugar Maple</i> Mixed Spruce <i>Black Spruce</i> <i>White Spruce</i> White Pine <i>White Pine</i>	Sawtimber Pulpwood	0.6 30 1 170 53 117 23 9 13 1 55 15 40 26 26	MBF Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords Cords	10.1	\$5,192.80
5	Black Cherry Balsam Fir Mixed Aspen <i>B. T. Aspen</i> <i>Quaking Aspen</i> <i>B. T. Aspen</i> <i>Quaking Aspen</i> Mixed Hardwood <i>Black Cherry</i> <i>Red Maple</i> <i>Sugar Maple</i> <i>Yellow Birch</i> Mixed Spruce <i>White Spruce</i>	Sawtimber Pulpwood  <i>Sawtimber</i>  <i>Pulpwood</i>	1.3 51 574 43.0 40.2 154 254 70 39 19 9 3 3 3	MBF Cords Cords MBF MBF Cords Cords Cords Cords Cords Cords Cords Cords Cords	18.2	\$12,344.25
TOTAL:			8.7	MBF		
TOTAL:			3,022	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Toilet Bowl Aspen**

**Sale Number: 42-003-21 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 are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

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

Within Payment Unit(s) 1-5, cut all deciduous trees that are two (2) inches or more at DBH and all conifer trees that are four (4) inches or more at DBH, except with Payment Units 3 and 4, leave all white pine that are greater than 20 inches at DBH.

### **4 - Transportation**

#### **4.1 - Construction**

##### **4.1.3 - Slash and earthen piles (8/04)**

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

##### **4.1.4 - Timber removed for construction (12/09)**

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

##### **4.1.6 - Road construction (1/09)**

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 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

##### **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**

##### **4.2.3 - Road maintenance (8/13)**

The following road maintenance may be needed: cleaning of drainage areas, grading, crowning, and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

##### **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**

#### **5.2 - Conduct of Operations**

## 5.2.1 - Slash

### 5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 36 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.

### 5.2.32 - 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. Wood debris, chips, and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

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

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

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

McLeod Road is an ORV trail or route 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 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline.

### 5.2.40 - Pathway protection (10/10)

The Newberry-Rexton Motorcycle Trail is a motorcycle trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with orange 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. All stumps within 5 feet of the trail should be cut flush with the ground.

### 5.2.41 - Snowmobile trail protection (9/11)

The McLeod Road is a snowmobile trail 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 is used, it must be maintained and restored to a condition equal to or better than before the sale. 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. 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. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

## 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.

## 5.8 - Protection of Endangered Species

### 5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

## 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 McLeod Road and County Road 399 South 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 Newberry-Rexton Motorcycle Trail prior to beginning operations. The trail must be posted approximately 350 feet 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 DNR will provide these signs.

### 99 - Unique

SKIP

#### 99.1 - Unique Sale Condition (5/19)

Within Payment Units 1 and 2, create drumming logs by hinge cutting or tipping over 10 trees of any species scattered across the stand that are 9-15 inches in diameter and within site of the red boundary line where there might be mature aspen left.

Within Payment Units 3 and 4, create drumming logs by hinge cutting or tipping over 8 trees of any species scattered across the stand that are 9-15 inches in diameter and within site of the red boundary line where there might be mature aspen left.

Within Payment Unit 5, create drumming logs by hinge cutting or tipping over 5 trees of any species scattered across the stand that are 9-15 inches in diameter and within site of the red boundary line where there might be mature aspen left.





## TIMBER SALE MAP

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

Sale Number

42-003

Year

21

Forest Management Unit  
NewberryCounty  
LuceMapped By Livermore  
Cruised By Kriehn, LivermoreDate  
1/19/2021

Page 1 of 1

Township  
45NRange  
09WSection(s) and Subdivision(s)  
Section 28: W½NW Section 29: NWNW, S½NW, N½SW, NENE, SENE, N½SE, SWSE

Scale

1:15,840

## 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 = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	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

# Toilet Bowl Aspen

## Compartment 125

### 112.0 Acres

## PU Acres

1	27.2
2	32.0
3	24.5
4	10.1
5	18.2

Lat: 46.270373  
Lon: -85.457088

- Against State (Red)
- Payment Unit (Yellow)
- Payment Unit Label
- 01 Section Numbers
- Section Corners
- ▬ Sections
- Quarter Quarter Sections
- ◆ Survey Corners
- Perennial River
- Lakes and Rivers
- ▬ Nearby Timber Sale
- ▬ DNR - Primary Forest Road
- ▬ DNR - Forest Access Route
- ▬ Federal / State / County - Paved Road
- ▬ Private - Dirt / Gravel Road
- ▬ DNR - Temporary Management Access

Locator Map: 1:200,000

- Main Map Extent

