



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #6755**

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on April 22, 2021.

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

CONTACT NAME: David Lemmien

PHONE NUMBER: (231) 922-6040

PROSPECTUS NOTE: It is recommended that for the duration of the "Stay Home, Stay Safe" executive order that bidders submit their bids through the Online Bidding System (<https://www.dnr.state.mi.us/VMSONlineBidding/>). If you need to register, contact Jake Reid (ReidJ6@michigan.gov, 517-284-5908) or Donovan Asselin (AsselinD@michigan.gov, 517-930-1326). Paper bids will still be accepted during this time, either dropped in the bid box at the bid location or by mailing. If mailing, please allow for additional time.

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:

Vasoak (61-048-19) / T27N, R10W, SEC. 24, S1/2SW,SWSE.

T27N, R10W, SEC. 25, NENW,NWNE.

Grand Traverse County, Advertised Price \$26,378.15, 40.2 Acres, Hardwood, Red Oak.

SALE NOTE: Mixed oak and pine stand that will be clear-cut with retention to release advanced understory saplings. Short wood harvest only. No feller bunching- processor harvester only to protect understory.

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

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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 T-Sale computer program and our traditional volume equations. 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		
B. T. Aspen	3.6 MBF	\$ 77.00 / MBF
Red Oak	128.9 MBF	\$ 118.00 / MBF
White Oak	48.0 MBF	\$ 71.00 / MBF
White Pine	4.2 MBF	\$ 39.00 / MBF
Pulpwood		
B. T. Aspen	22 Cords	\$ 12.85 / Cord
Mixed Oak	531 Cords	\$ 10.45 / Cord
Red Maple	92 Cords	\$ 11.75 / Cord
White Pine	34 Cords	\$ 11.95 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 6.81 percent. There are an estimated 1,049 cords on this timber sale, plus or minus 71 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 \$1,318.91 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	54.3%
02	45.7%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2023.

### **SALE STATISTICS**

#### **SALE VOLUMES**

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
82,847	1,049	6.81%	977	1,120

## 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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
113	44,540	564	10.53%	504	623
913	38,299	485	8.96%	441	528
<b>TOTAL:</b>	<b>82,839</b>	<b>1,049</b>		<b>946</b>	<b>1,151</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
113	21.8	1	21.8
913	18.4	2	18.4
<b>TOTAL:</b>	<b>40.2</b>		<b>40.2</b>

## DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	B. T. Aspen	Sawtimber	3.6	MBF	21.8	\$14,334.70	
	Red Oak		75.3	MBF			
	White Oak		15.0	MBF			
	White Pine		1.8	MBF			
	B. T. Aspen	Pulpwood	19	Cords			
	Mixed Oak		276	Cords			
	<i>Red Oak</i>		194	<i>Cords</i>			
	<i>White Oak</i>		82	<i>Cords</i>			
	Red Maple		58	Cords			
	White Pine		19	Cords			
2	Red Oak	Sawtimber	53.6	MBF	18.4	\$12,043.45	
	White Oak		33.0	MBF			
	White Pine		2.4	MBF			
	B. T. Aspen	Pulpwood	3	Cords			
	Mixed Oak		255	Cords			
	<i>Red Oak</i>		107	<i>Cords</i>			
	<i>White Oak</i>		148	<i>Cords</i>			
	Red Maple		34	Cords			
	White Pine		15	Cords			
TOTAL:			184.7	MBF			
TOTAL:			679	Cords			

## Sale Specific Conditions & Requirements

Sale Name: Vasoak

Sale Number: 61-048-19 Seq#: 1

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (1/14)

The sale boundary and Payment Unit boundaries are marked and identified by red and/or yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with red and yellow paint. The painted boundary line trees are not Included Timber and are to be protected. Yellow/red painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid unless green marked for retention.

### 2 - Timber Specifications

#### 2.1 - Included Timber

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

Within Payment Unit(s) 1 and 2, 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. In addition, do not cut any red or white pine that are 6" or less diameter when measured at 4.5 feet above the ground. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

#### 2.2 - Utilization

##### 2.2.6 - Roundwood operation required (5/07)

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length. Trees must be harvested with in-woods processor (feller bunching harvester will not be allow) in order to retain existing understory vegetation.

### 3 - Payments

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings. Advanced understory regeneration is present and efforts must be taken to protect it.

##### 3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$25 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

### 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.

#### 5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 3 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 30 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.

#### 5.2.3 - Operating Restrictions

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

Within Payment Unit(s) 1 and 2, cutting, skidding, and 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.

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

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

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

The Vasa Pathway is a multi-use trail and is shown on the Timber Sale Map. Do not run equipment down the pathway.

### 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.

#### 5.4.4 - Slope protection (9/19)

Skid trails and roads on slopes shall be water barred with slash, stumps, and/or clean straw bales native to the area as soon as use is complete to prevent erosion.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

#### 6.2.1 - Road posting (9/09)

The Purchaser is responsible for posting and maintaining caution signs on nearby roads 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 (2/10)

The Purchaser is responsible for posting and maintaining caution signs on the Vasa 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
61-048	19
Date	Page of
09/14/2019	1   1

Forest Management Unit	County	Mapped By
Traverse City	Grand Traverse	Ruppen
		Cruised By
		Ruppen

Township	Range	Section(s) and Subdivision(s)	Scale
27N	10W	Sec 25 NWNE, NENW Sec 24 S1/2SW, SWSE	1:15,840

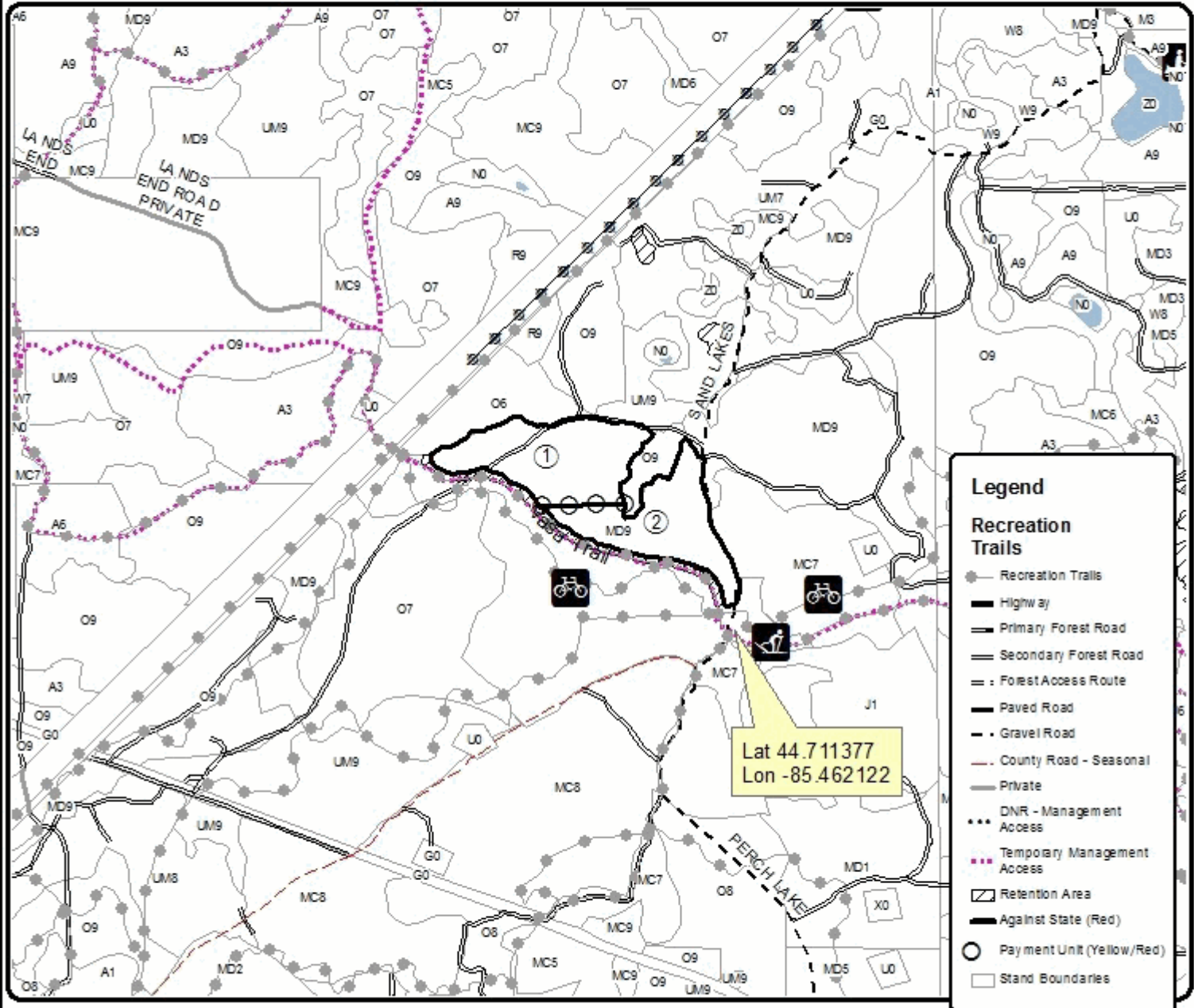
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seeding Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seeding Sapling Medium	7 = Saw Timber Poor
D = Tread Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seeding 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
1	21.8
2	18.4

## Vasoak

### Compartment 42

### 40.2 Acres



### Legend

#### Recreation Trails

- Recreation Trails
- ▬ Highway
- ▬ Primary Forest Road
- ▬ Secondary Forest Road
- ▬ Forest Access Route
- ▬ Paved Road
- ▬ Gravel Road
- ▬ County Road - Seasonal
- ▬ Private
- DNR - Management Access
- Temporary Management Access
- ▭ Retention Area
- ▭ Against State (Red)
- Payment Unit (Yellow/Red)
- ▭ Stand Boundaries