



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #7514**

**REVISION NOTICE #1 - February 19, 2025**

SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on Thursday, February 27, 2025

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

This prospectus has been modified with the following changes.

The sale conditions for the Yogi Gap timber sale (61-101-24) have been updated. Please use the attached sale conditions when bidding on this sale and disregard the original sale conditions sent with the prospectus.

The sale conditions for the Hodge Podge timber sale (61-142-24) have been updated. Please use the attached sale conditions when bidding on this sale and disregard the original sale conditions sent with the prospectus.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Matthew Edison at 906-291-0095.

## Sale Specific Conditions & Requirements

Sale Name: Yogi Gap

Sale Number: 61-101-24 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 blue 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

##### 2.1.7 - 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 do not cut any trees marked with green paint above and below stump height. In addition, within Payment Unit 1, do not cut red pine or white pine that are six (6) inches or less at DBH. Further, within Payment Unit 2, do not cut any red pine or white pine that are eight (8) inches or less at DBH.

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

##### 2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

#### 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. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 10% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

**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 \$300 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****4.1.6 - Road Construction (4/24)**

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 10 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 within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. 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. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

**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****5.2.1 - Slash****5.2.1.8 - Slash Height (12/08)**

No slash or tree tops may exceed 24 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 the Sale Area, cutting, skidding, hauling, and brushing of access roads 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.

**5.2.29 - Shrub Protection (1/20)**

Do not cut or damage hawthorn, witch-hazel, dogwood or junberry. These woody-shrub plants are highly beneficial to various wildlife species.

**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)**

The Kalkaska Trail 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. 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.

**5.4 - 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.

**5.4.3 - Erosion Control (12/08)**

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

**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 onsite 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 M-72 and North Forest Trail 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 Kalkaska 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.

## Sale Specific Conditions & Requirements

Sale Name: Hodge Podge

Sale Number: 61-142-24 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, red and yellow paint. Exterior sale boundary lines against private property are marked with blue 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

##### 2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 2, 3, and 5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within Payment Unit 3, all aspen and jack pine are designated for cutting, regardless of merchantability, except do not cut those that are marked with orange paint.

##### 2.1.4 - Designated Timber Unit(s) (6/17)

Within Payment Unit(s) 1, 4, and 6, all trees are designated for cutting which meet minimum piece specifications in 2.2 Utilization. In Payment Unit 6, do not cut red and white pine that are less than 14 inches at DBH.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

#### 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. Within the Sale Area, if more than 15% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$300 per acre for all acreage within that specified portion of the Sale Area that was damaged.

### 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.

##### 4.1.12 - 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.

**4.3 - Public Right-of-Way**

4.3.2 - County R-O-W (12/06)

The County must be contacted prior to crossing or harvesting in the County Road R-O-W. This applies to Payment Units 3 and 4, as well as Blue Lake Road SE.

**4.4 - Access**

4.4.3 - Access gate (12/08)

The access gate to Payment Unit 1 must be locked at the completion of each day unless otherwise approved by the Unit Manager or his/her representative.

**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**

**5.2.1 - Slash**

5.2.1.8 - Slash Height (12/08)

No slash or tree tops may exceed 24 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) 2-6, 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.

**5.2.4 - Dead and Down Creation**

5.2.4.4 - Dead and Down Creation, Grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1, 4, and 6, leave one 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These will be evenly scattered throughout the unit. This can be an unmerchantable piece or a full tree. Each log must be clearly identified by a piece of blue flagging.

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.

**5.4 - 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**

5.8.3 - Red Shoulder Hawk or Goshawk (1) (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7514**

SCHEDULED SALE DATE AND TIME: **4:00 p.m. (local time) on February 27, 2025.**

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

CONTACT NAME: Matthew Edison

PHONE NUMBER: (906) 291-0095

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:

Hodge Podge (61-142-24) / T27N, R05W, SEC. 26, W1/2NW, W1/2SW.

T27N, R05W, SEC. 27, N1/2NE, N1/2SW, SWSW, NWSE, S1/2SE.

T27N, R05W, SEC. 34, NENE.

T27N, R05W, SEC. 35, NWNW.

Kalkaska County, Advertised Price \$82,522.20, 100.7 Acres, Red Oak, Red Pine.



# TIMBER SALE INFORMATION

Hodge Podge (61-142-24)

T27N, R05W, SEC. 26; T27N, R05W, SEC. 27; T27N, R05W, SEC. 34; T27N, R05W, SEC. 35.  
Kankaska County (Advertised Price \$82,522.20)

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		
Red Maple	0.7 MBF	\$ 130.00 / MBF
Red Oak	207.2 MBF	\$ 158.00 / MBF
Red Pine	168.0 MBF	\$ 137.00 / MBF
White Oak	8.8 MBF	\$ 69.00 / MBF
White Pine	4.7 MBF	\$ 79.00 / MBF
Pulpwood		
Jack Pine	169 Cords	\$ 18.55 / Cord
Mixed Aspen	140 Cords	\$ 23.65 / Cord
Mixed Hardwood	60 Cords	\$ 22.50 / Cord
Mixed Oak	188 Cords	\$ 29.60 / Cord
Red Pine	207 Cords	\$ 56.65 / Cord
White Pine	23 Cords	\$ 26.60 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 13.78 percent. There are an estimated 1,700 cords on this timber sale, plus or minus 234 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 \$8,252.22 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	6.4%
02	4.8%
03	5.9%
04	13.7%
05	24.8%
06	44.4%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 04/15/2028.

**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
134,337	1,700	13.78%	1,466	1,935

**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
1	13,486	171	54.82%	77	264
2	5,343	68	55.22%	30	105
3	8,980	114	43.27%	64	163
4	25,314	320	29.22%	227	414
5	28,582	362	29.02%	257	467
6	52,633	666	24.08%	506	827
<b>TOTAL:</b>	<b>134,337</b>	<b>1,700</b>		<b>1,161</b>	<b>2,240</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
1	9.1	1	9.1
2	9.9	2	9.9
3	13.9	3	13.9
4	18.4	4	18.4
5	20.8	5	20.8
6	28.6	6	28.6
<b>TOTAL:</b>	<b>100.7</b>		<b>100.7</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Oak	Sawtimber	2.0	MBF	9.1	\$5,306.15
	Red Pine		10.9	MBF		
	Jack Pine	Pulpwood	12	Cords		
	Mixed Aspen		109	Cords		
	<i>Quaking Aspen</i>	<i>Sawtimber</i>	5.2	<i>MBF</i>		
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	35	<i>Cords</i>		
	<i>Quaking Aspen</i>		64	<i>Cords</i>		
	Mixed Hardwood		2	Cords		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	Mixed Oak		4	Cords		
	<i>Red Oak</i>		4	<i>Cords</i>		
	Red Pine		8	Cords		
	White Pine		3	Cords		
2	Red Pine	Sawtimber	22.0	MBF	9.9	\$3,920.40
	Red Pine	Pulpwood	16	Cords		
3	Red Pine	Sawtimber	16.2	MBF	13.9	\$4,847.60
	Jack Pine	Pulpwood	17	Cords		
	Mixed Aspen		14	Cords		
	<i>Quaking Aspen</i>		14	<i>Cords</i>		
	Red Pine		27	Cords		
	White Pine		17	Cords		
4	Red Maple	Sawtimber	0.7	MBF	18.4	\$11,337.90
	Red Oak		13.6	MBF		
	Red Pine		26.4	MBF		
	White Oak		0.8	MBF		
	White Pine		3.5	MBF		
	Jack Pine	Pulpwood	134	Cords		
	Mixed Aspen		12	Cords		
	<i>B. T. Aspen</i>		6	<i>Cords</i>		
	<i>Quaking Aspen</i>		6	<i>Cords</i>		
	Mixed Hardwood		16	Cords		
	<i>Black Cherry</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		14	<i>Cords</i>		
	Mixed Oak		32	Cords		
	<i>Red Oak</i>		31	<i>Cords</i>		
	<i>White Oak</i>		1	<i>Cords</i>		
	Red Pine		18	Cords		
	White Pine		2	Cords		
5	Red Pine	Sawtimber	90.3	MBF	20.8	\$20,450.60
	Mixed Aspen	Pulpwood	3	Cords		
	<i>B. T. Aspen</i>		3	<i>Cords</i>		
	Mixed Hardwood		11	Cords		
	<i>Beech</i>		11	<i>Cords</i>		
	Red Pine		137	Cords		
6	Red Oak	Sawtimber	191.6	MBF	28.6	\$36,659.55
	Red Pine		2.2	MBF		
	White Oak		8.0	MBF		
	White Pine		1.2	MBF		
	Jack Pine	Pulpwood	6	Cords		
	Mixed Aspen		2	Cords		
	<i>B. T. Aspen</i>		2	<i>Cords</i>		
	Mixed Hardwood		31	Cords		
	<i>Red Maple</i>		31	<i>Cords</i>		
	Mixed Oak		152	Cords		
	<i>Red Oak</i>		145	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	<i>White Oak</i>	<i>Pulpwood</i>	7	<i>Cords</i>		
	Red Pine		1	Cords		
	White Pine		1	Cords		
TOTAL:			389.4	MBF		
TOTAL:			787	Cords		

## Sale Specific Conditions & Requirements

**Sale Name: Hodge Podge**

**Sale Number: 61-142-24 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, red and yellow paint. Exterior sale boundary lines against private property are marked with blue 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

##### 2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 2, 3, and 5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within Payment Unit 3, all aspen and jack pine are designated for cutting, regardless of merchantability, except do not cut those that are marked with orange paint.

##### 2.1.4 - Designated Timber Unit(s) (6/17)

Within Payment Unit(s) 1, 4, and 6, all trees are designated for cutting which meet minimum piece specifications in 2.2 Utilization. In Payment Unit 6, do not cut red and white pine that are less than 14 inches at DBH.

#### 2.2 - Utilization

##### 2.2.10 - No Chipping Tops and Limbs (8/16)

Within Payment Unit(s) 1-6, chipping of limbs or tops is not permitted. Limbs and the remaining top must be left on site and scattered.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

#### 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. Within the Sale Area, if more than 15% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$300 per acre for all acreage within that specified portion of the Sale Area that was damaged.

### 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.

#### 4.1.12 - 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.

#### 4.3 - Public Right-of-Way

##### 4.3.2 - County R-O-W (12/06)

The County must be contacted prior to crossing or harvesting in the County Road R-O-W. This applies to Payment Units 3 and 4, as well as Blue Lake Road SE.

#### 4.4 - Access

##### 4.4.3 - Access gate (12/08)

The access gate to Payment Unit 1 must be locked at the completion of each day unless otherwise approved by the Unit Manager or his/her representative.

### 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

##### 5.2.1 - Slash

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

No slash or tree tops may exceed 24 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) 2-6, 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.

##### 5.2.4 - Dead and Down Creation

###### 5.2.4.4 - Dead and Down Creation, Grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1, 4, and 6, leave one 12" or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These will be evenly scattered throughout the unit. This can be an unmerchantable piece or a full tree. Each log must be clearly identified by a piece of blue flagging.

##### 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.

#### 5.4 - 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

##### 5.8.3 - Red Shoulder Hawk or Goshawk (1) (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.



### TIMBER SALE MAP

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

Sale Number  
**61-142-24**

Date  
**09/17/2024**

Forest Management Unit  
Traverse City Mgt Unit

County  
Kalkaska

Mapped By: Chas Osborn  
Cruised By: Chas Osborn

Scale  
1:13,000

Page  
1

Of  
1

Township 27N Range 05W Section(s) and Subdivision(s) NWNW; Sec. 26 W1/2NW,W1/2SW; Sec. 27 N1/2NE,N1/2SW,SWSW,NWSE,S1/2SE; Sec. 34 NENE; Sec. 35

#### Cover Type

A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous	Z = Water	
H = Hemlock	N = Marsh		

#### Density

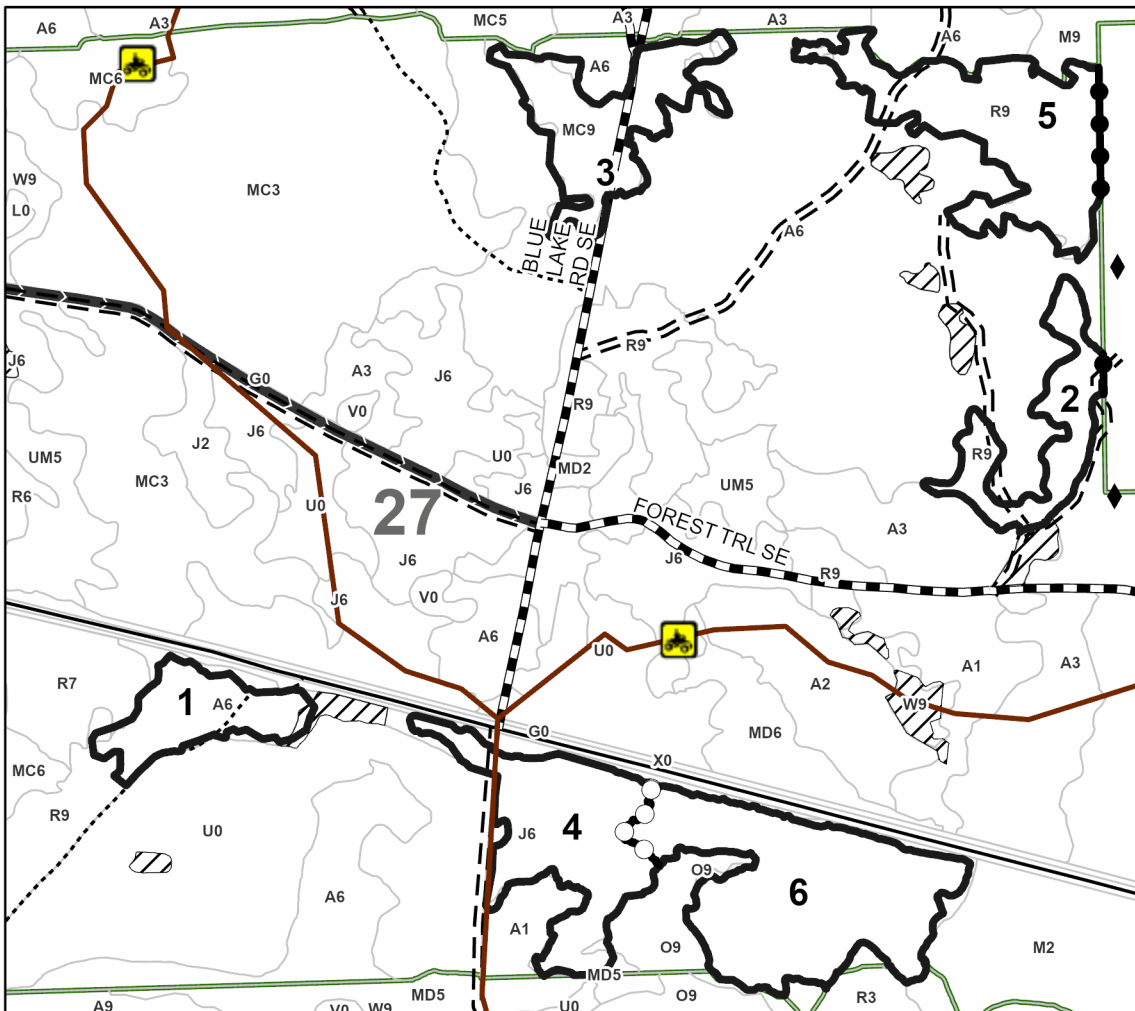
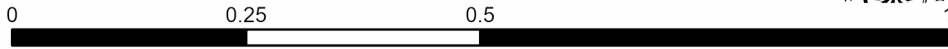
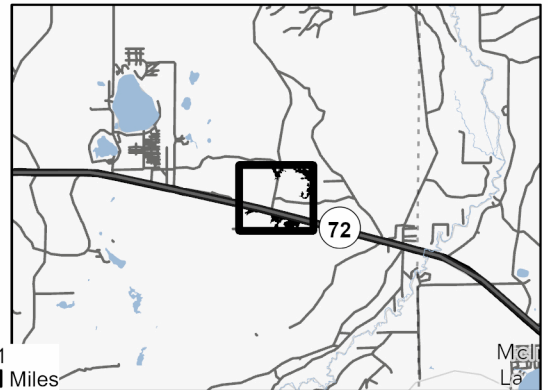
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU #	Acres	PU #	Acres
1	9.1	4	18.4
2	9.9	5	20.8
3	13.9	6	28.6

### Hodge Podge

100.7 Acres

#### Locator Map 1:200,000



#### Legend

- Against State (Red)
- Private Line (Blue)
- Payment Unit (Yellow)
- Forest Access Route
- Administrative Access Only
- Paved Road
- Government Gravel/Dirt
- Pipeline
- Survey Corner
- Designated ATV Trails

Use QR Code to open Map in App

