



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #6460

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on August 15, 2019.

LOCATION: **GAYLORD MGMT UNIT, 1732 WEST M 32, GAYLORD, MI 49735.**

CONTACT NAME: Lucas Merrick

PHONE NUMBER: (989) 732-3541

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

Chub Lake Hodge Podge (52-006-19) / T29N, R02W, SEC. 18, W1/2SE.

T29N, R02W, SEC. 19, NENE,S1/2NE.

T29N, R02W, SEC. 20, N1/2NW,SWNW.

Otsego County, Advertised Price \$99,539.45, 88.7 Acres, Aspen, Hardwood.

SALE NOTE: No extraordinary road costs, with good, easy access off Old State Rd. Good quality timber with flat operating terrain. Chipping, oak wilt, and seedling & sapling protection specifications apply to portions of the sale area.

TIMBER SALE INFORMATION

Chub Lake Hodge Podge (52-006-19)

T29N, R02W, SEC. 18; T29N, R02W, SEC. 19; T29N, R02W, SEC. 20.

Otsego County (Advertised Price \$99,539.45)

SALE NOTE: No extraordinary road costs, with good, easy access off Old State Rd. Good quality timber with flat operating terrain. Chipping, oak wilt, and seedling & sapling protection specifications apply to portions of the sale area.

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. Bids must be at or above the following advertised price for each species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
Mixed Aspen	100.50	MBF	\$ 60.00 / MBF
Red Maple	31.30	MBF	\$ 112.00 / MBF
Red Oak	35.90	MBF	\$ 244.00 / MBF
Red Pine	172.80	MBF	\$ 126.00 / MBF
White Pine	17.80	MBF	\$ 65.00 / MBF
Pulpwood			
Balsam Fir	62.00	Cords	\$ 37.60 / Cord
Black Spruce	96.00	Cords	\$ 33.60 / Cord
Mixed Aspen	808.00	Cords	\$ 23.45 / Cord
Mixed Oak	83.00	Cords	\$ 26.80 / Cord
N. White Cedar	137.00	Cords	\$ 19.65 / Cord
Paper Birch	27.00	Cords	\$ 19.65 / Cord
Red Maple	461.00	Cords	\$ 29.95 / Cord
Red Pine	217.00	Cords	\$ 55.30 / Cord
White Pine	80.00	Cords	\$ 31.95 / Cord

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$4,976.97 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.
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2022.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Aspen	Sawtimber	12.2	MBF	16.7	\$38,804.15
	<i>B. T. Aspen</i>		3.1	<i>MBF</i>		
	<i>Quaking Aspen</i>		9.1	<i>MBF</i>		
	Red Maple		6.4	MBF		
	Red Oak		21.0	MBF		
	Red Pine		129.6	MBF		
	White Pine		15.4	MBF		
	Mixed Aspen	Pulpwood	52.0	Cords		
	<i>B. T. Aspen</i>		14.0	<i>Cords</i>		
	<i>Quaking Aspen</i>		38.0	<i>Cords</i>		
	Mixed Oak		48.0	Cords		
	<i>Red Oak</i>		40.0	<i>Cords</i>		
	<i>White Oak</i>		8.0	<i>Cords</i>		
	Paper Birch		4.0	Cords		
	<i>Paper Birch</i>		4.0	<i>Cords</i>		
	Red Maple		71.0	Cords		
	Red Pine		160.0	Cords		
	White Pine		42.0	Cords		
2	Mixed Aspen	Sawtimber	27.1	MBF	22.8	\$19,050.65
	<i>B. T. Aspen</i>		22.5	<i>MBF</i>		
	<i>Quaking Aspen</i>		4.6	<i>MBF</i>		
	Red Maple		7.6	MBF		
	Red Oak		5.5	MBF		
	Red Pine		16.0	MBF		
	White Pine		0.9	MBF		
	Balsam Fir	Pulpwood	19.0	Cords		
	<i>Balsam Fir</i>		0.5	<i>MBF</i>		
	<i>Balsam Fir</i>		18.0	<i>Cords</i>		
	Black Spruce		1.0	Cords		
	<i>Black Spruce</i>		1.0	<i>Cords</i>		
	Mixed Aspen		261.0	Cords		
	<i>B. T. Aspen</i>		229.0	<i>Cords</i>		
	<i>Quaking Aspen</i>		32.0	<i>Cords</i>		
	Mixed Oak		13.0	Cords		
	<i>Red Oak</i>		13.0	<i>Cords</i>		
	Paper Birch		4.0	Cords		
	<i>Paper Birch</i>		0.5	<i>MBF</i>		
	<i>Paper Birch</i>		3.0	<i>Cords</i>		
	Red Maple		142.0	Cords		
	Red Pine		21.0	Cords		
	White Pine		14.0	Cords		
3	Mixed Aspen	Sawtimber	25.4	MBF	21.3	\$17,793.45
	<i>B. T. Aspen</i>		21.1	<i>MBF</i>		
	<i>Quaking Aspen</i>		4.3	<i>MBF</i>		
	Red Maple		7.1	MBF		
	Red Oak		5.2	MBF		
	Red Pine		14.9	MBF		
	White Pine		0.8	MBF		
	Balsam Fir	Pulpwood	17.0	Cords		
	<i>Balsam Fir</i>		0.5	<i>MBF</i>		
	<i>Balsam Fir</i>		16.0	<i>Cords</i>		
	Black Spruce		1.0	Cords		
	<i>Black Spruce</i>		1.0	<i>Cords</i>		
	Mixed Aspen		243.0	Cords		
	<i>B. T. Aspen</i>		213.0	<i>Cords</i>		

Description of Timber by Payment Unit (PU), con't

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
3 con't	<i>Quaking Aspen</i>	<i>Pulpwood</i>	30.0	<i>Cords</i>					
	Mixed Oak		12.0	Cords					
	<i>Red Oak</i>		12.0	<i>Cords</i>					
	Paper Birch		4.0	Cords					
	<i>Paper Birch</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>					
	<i>Paper Birch</i>	<i>Pulpwood</i>	3.0	<i>Cords</i>					
	Red Maple		133.0	Cords					
	Red Pine		20.0	Cords					
	White Pine		13.0	Cords					
4	Mixed Aspen	Sawtimber	20.8	MBF	17.5	\$14,583.20			
	<i>B. T. Aspen</i>		17.3	<i>MBF</i>					
	<i>Quaking Aspen</i>		3.5	<i>MBF</i>					
	Red Maple		5.9	MBF					
	Red Oak		4.2	MBF					
	Red Pine		12.3	MBF					
	White Pine		0.7	MBF					
	Balsam Fir	Pulpwood	14.0	Cords					
	<i>Balsam Fir</i>	<i>Sawtimber</i>	0.4	<i>MBF</i>					
	<i>Balsam Fir</i>	<i>Pulpwood</i>	13.0	<i>Cords</i>					
	Black Spruce		1.0	Cords					
	<i>Black Spruce</i>		1.0	<i>Cords</i>					
	Mixed Aspen		199.0	Cords					
	<i>B. T. Aspen</i>		175.0	<i>Cords</i>					
	<i>Quaking Aspen</i>		24.0	<i>Cords</i>					
	Mixed Oak		10.0	Cords					
	<i>Red Oak</i>		10.0	<i>Cords</i>					
	Paper Birch		3.0	Cords					
	<i>Paper Birch</i>	<i>Sawtimber</i>	0.3	<i>MBF</i>					
	<i>Paper Birch</i>	<i>Pulpwood</i>	2.0	<i>Cords</i>					
	Red Maple		109.0	Cords					
	Red Pine		16.0	Cords					
	White Pine		11.0	Cords					
	5	Mixed Aspen	Sawtimber	15.0			MBF	10.4	\$9,327.65
		<i>Quaking Aspen</i>		15.0			<i>MBF</i>		
		Red Maple		4.3			MBF		
		Balsam Fir	Pulpwood	12.0			Cords		
<i>Balsam Fir</i>		<i>Sawtimber</i>	1.9	<i>MBF</i>					
<i>Balsam Fir</i>		<i>Pulpwood</i>	8.0	<i>Cords</i>					
Black Spruce			93.0	Cords					
<i>Black Spruce</i>		<i>Sawtimber</i>	3.0	<i>MBF</i>					
<i>Black Spruce</i>		<i>Pulpwood</i>	87.0	<i>Cords</i>					
Mixed Aspen			53.0	Cords					
<i>Quaking Aspen</i>			53.0	<i>Cords</i>					
N. White Cedar			137.0	Cords					
<i>N. White Cedar</i>		<i>Sawtimber</i>	7.4	<i>MBF</i>					
<i>N. White Cedar</i>		<i>Pulpwood</i>	122.0	<i>Cords</i>					
Paper Birch			13.0	Cords					
<i>Paper Birch</i>			13.0	<i>Cords</i>					
Red Maple			6.0	Cords					
TOTAL:			358.3	MBF					
TOTAL:			1,972.0	Cords					

Sale Specific Conditions & Requirements

Sale Name: Chub Lake Hodge Podge

Sale Number: 52-006-19 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 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. 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 trees that are two (2) inches or more at DBH, except do not cut trees marked with timber teal paint. In addition, within Payment Units 2, 3, and 4, do not cut balsam fir, white pine, red pine, and black spruce trees less than four (4) inches at DBH. Also, within Payment Units 2, 3, and 4, do not cut any white oak.

2.2 - Utilization

2.2.2 - Chipping required (2/18)

Payment Unit 1 must be chip harvested to facilitate subsequent planting operations. The requirement to retain approximately 1/6 to 1/3 of tree tops and limbs less than four inches in diameter is still applicable (G. C. & R. 2.2).

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit 1 shall not exceed 12 inches for all trees. This is in order to facilitate planting operations.

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 Supplement. There will be only one division per Payment Unit.

3.4 - Damaged Timber

3.4.1 - Damaged timber (6/14)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesigned live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to white pine, red pine, black spruce and balsam fir seedlings and saplings.

Within Payment Units 2, 3, and 4, if more than 40% 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 a per acre basis 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 the sale area. All operations are limited to existing roads. Skid trails only will be allowed.

4.2 - Maintenance

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

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

5.1.3 - Well heads and natural gas pipelines (11/15)

The Purchaser is responsible for contacting the gas or pipeline company prior to operating equipment in the vicinity of well heads or natural gas pipelines.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops within Payment Units 2, 3, 4 and 5 may exceed 24 inches in height.

5.2.1.13 - Dispose of slash as directed (12/05)

Slash is to be disposed of as directed by the sale administrator.

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

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Units 1, 2, 3, and 4, 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.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 5, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of wet areas within the unit.

5.2.29 - Shrub protection (9/07)

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.

5.4 - 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 (9/09)

The Purchaser is responsible for posting and maintaining caution signs on Lower Chub Lake Road 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.

**TIMBER SALE MAP**

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

Sale Number	Year
52 - 006	19

Forest Management Unit Gaylord Management Unit	County Otsego	Mapped By Kubitskey	Date 01/07/2019	Page 1	of 1
Cruised By Kubitskey					

Township 29N	Range 02W	Section(s) and Subdivision(s) Sec 18 W1/2SE, Sec 19 NENE, S1/2NE & Sec 20 N1/2NW, SWNW	Scale 1:15,840
-----------------	--------------	---	-------------------

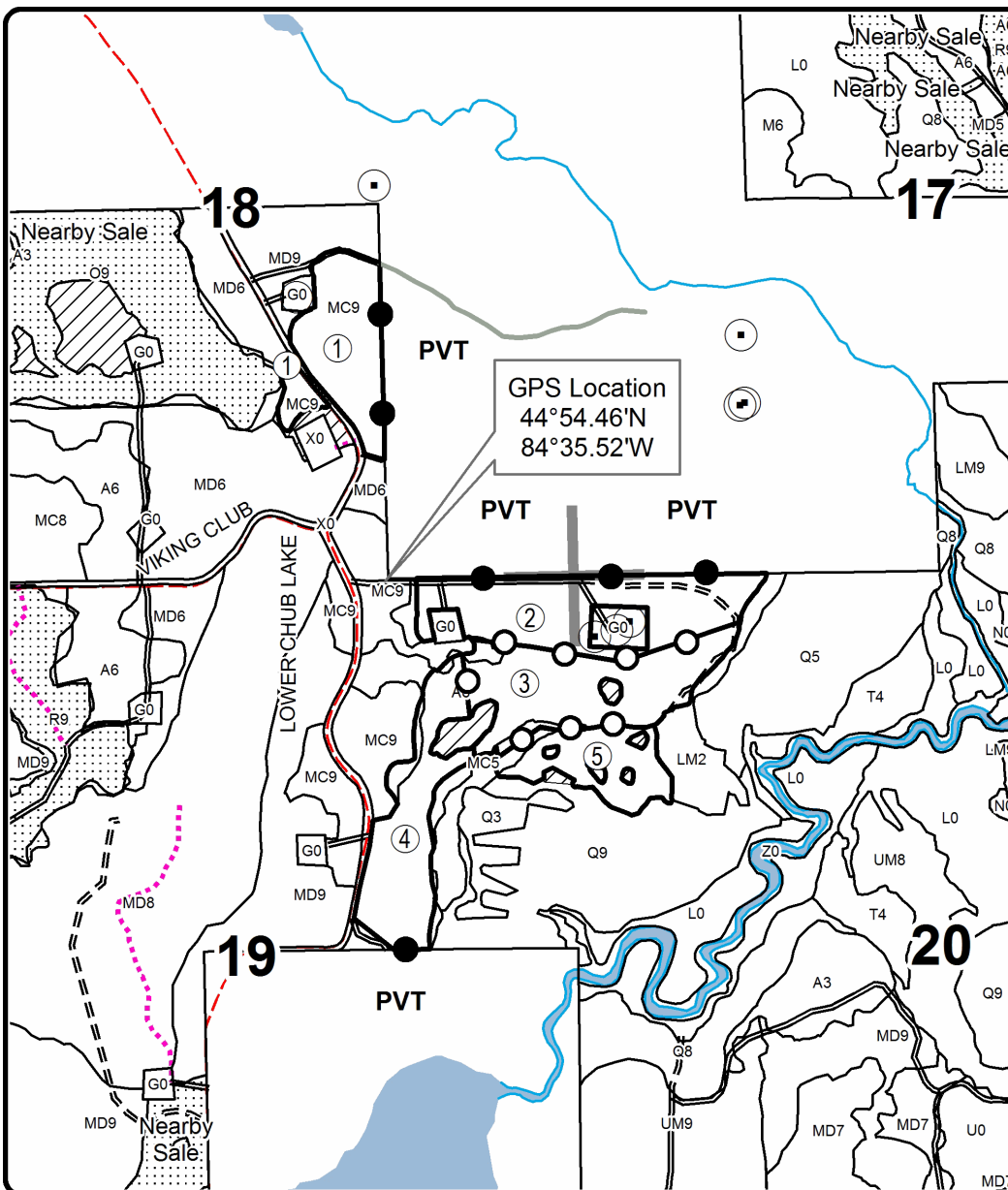
Cover Type

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	

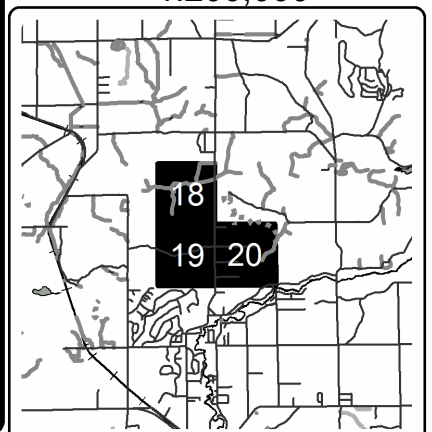
Density

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

PU	Acres	PU	Acres
1	16.7	4	17.5
2	22.8	5	10.4
3	21.3		

Chub Lake Hodge Podge**Compartment 14****88.7 Acres****Legend**

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- ▨ Retention Area
- ▤ Nearby Timber Sales
- ③ Payment Unit Label
- PVT Private
- Stand Boundaries
- 19 Section Numbers
- Oil & Gas Well Surface Locations
- Secondary Forest Road
- == Forest Access Route
- - - County Road - Seasonal
- Private
- Perennial River
- Lakes and Rivers
- Section Corners

Locator Map
1:200,000

0 0.125 0.25 0.5 0.75 1 Miles