



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN**

TIMBER SALE PROSPECTUS #5788

REVISION NOTICE #1 - December 15, 2016

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on Tuesday, January 10, 2017

LOCATION: ESCANABA OFFICE, 6833 HWY 2, 41 & M-35, GLADSTONE, MI 49837

This prospectus has been modified with the following changes.

Pine Trail timber sale (33-009-16) has been withdrawn from this prospectus. Sale specs need modification due to forest health issues. Sale will be re-advertised in the future.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Eric Thompson at 906-786-2354.



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CONTACT NAME: Eric Thompson

PHONE NUMBER: (906) 786-2354

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

Pine Trail (33-009-16)

Delta County, Advertised Price \$433,173.65, 400.3 Acres, Red Pine, Spruce/Fir/Tamarack.

SALE NOTE: A pre sale conference prior to cutting in any unit will be required with the sale administrator to lay out crossing locations along the Days River pathway. Note: the red pine pulpwood volumes include red pine sawlogs.

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. 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		
Paper Birch	2.00 MBF	\$ 113.00 / MBF
Red Maple	0.50 MBF	\$ 237.00 / MBF
Pulpwood		
Balsam Fir	49.00 Cords	\$ 28.45 / Cord
Jack Pine	7.00 Cords	\$ 48.50 / Cord
Mixed Hardwood	43.00 Cords	\$ 35.90 / Cord
Mixed Spruce	378.00 Cords	\$ 26.00 / Cord
N. White Cedar	106.00 Cords	\$ 35.15 / Cord
Quaking Aspen	70.00 Cords	\$ 35.40 / Cord
Red Pine	5,330.00 Cords	\$ 77.55 / Cord
Tamarack	10.00 Cords	\$ 17.85 / Cord

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$21,658.68 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 12/31/2019.

Description of Timber by Payment Unit (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Pine	Pulpwood	1,444.0	Cords	31.9	\$111,982.20
2	Red Pine	Pulpwood	838.0	Cords	65.9	\$64,986.90
3	Paper Birch	Sawtimber	0.5	MBF	7.9	\$9,699.45
	Red Maple		0.5	MBF		
	Balsam Fir	Pulpwood	29.0	Cords		
	Mixed Hardwood		15.0	Cords		
	<i>Paper Birch</i>		5.0	<i>Cords</i>		
	<i>Red Maple</i>		10.0	<i>Cords</i>		
	Mixed Spruce		21.0	Cords		
	<i>Black Spruce</i>		3.0	<i>Cords</i>		
	<i>White Spruce</i>		18.0	<i>Cords</i>		
	Quaking Aspen		53.0	Cords		
	Red Pine		74.0	Cords		
4	Paper Birch	Sawtimber	1.5	MBF	15.4	\$15,268.95
	Balsam Fir	Pulpwood	20.0	Cords		
	Mixed Hardwood		28.0	Cords		
	<i>Balsam Poplar</i>		3.0	<i>Cords</i>		
	<i>Paper Birch</i>		13.0	<i>Cords</i>		
	<i>Red Maple</i>		9.0	<i>Cords</i>		
	<i>Yellow Birch</i>		3.0	<i>Cords</i>		
	Mixed Spruce		357.0	Cords		
	<i>Black Spruce</i>		357.0	<i>Cords</i>		
	N. White Cedar		106.0	Cords		
	Quaking Aspen		3.0	Cords		
	Red Pine		3.0	Cords		
	Tamarack		10.0	Cords		
5	Red Pine	Pulpwood	696.0	Cords	54.7	\$53,974.80
6	Jack Pine	Pulpwood	1.0	Cords	22.0	\$17,610.20
	Quaking Aspen		1.0	Cords		
	Red Pine		226.0	Cords		
7	Jack Pine	Pulpwood	1.0	Cords	41.9	\$33,501.20
	Quaking Aspen		3.0	Cords		
	Red Pine		430.0	Cords		
8	Jack Pine	Pulpwood	1.0	Cords	35.0	\$27,959.75
	Quaking Aspen		2.0	Cords		
	Red Pine		359.0	Cords		
9	Jack Pine	Pulpwood	1.0	Cords	39.0	\$31,174.70
	Quaking Aspen		3.0	Cords		
	Red Pine		400.0	Cords		
10	Jack Pine	Pulpwood	1.0	Cords	24.6	\$19,661.90
	Quaking Aspen		2.0	Cords		
	Red Pine		252.0	Cords		
11	Jack Pine	Pulpwood	2.0	Cords	47.1	\$37,659.85
	Quaking Aspen		3.0	Cords		
	Red Pine		483.0	Cords		
12	Red Pine	Pulpwood	125.0	Cords	14.9	\$9,693.75
TOTAL:			2.5	MBF		
TOTAL:			5,993.0	Cords		

Sale Specific Conditions & Requirements

Sale Name: Pine Trail

Sale Number: 33-009-16 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 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 and 4, cut all trees that are two (2) inches or more at DBH except do not cut any green marked trees within Payment Unit 4.

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

Within Payment Unit(s) 2, 5, 6, 7, 8, 9, 10, 11, and 12, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.1.4 - Species designation unit(s) (12/08)

Within Payment Unit(s) 3, all aspen, paper birch, red maple, balsam fir, spruce and pine trees greater than 14 inches (DBH) diameter at breast height are designated for cutting which meet minimum piece specifications in 2.2 - Utilization. For timber sale administration purposes, pine trees at 14 inches DBH are 16.5 inches at stump diameter measured at a point 12 inches above ground level.

2.1.11 - Description of timber note (2/04)

Note that red pine pulpwood includes sawlog volumes.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Unit(s) 1, 2, 5, 6, 7, 8, 9, 10, 11, and 12 shall not exceed 6 inches for all trees.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) with a purchase value of \$15,000 dollars or more 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 unless agreed to by the Unit Manager.

3.4 - Damaged Timber

3.4.1 - Damaged timber (6/14)

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.

In areas with significant red pine regeneration, if more than 25% 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 \$100 dollars per acre for all acreage within that specified portion of the sale area that was damaged.

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 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 upon completion of the sale. 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. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

4.2.4 - Grading (12/14)

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. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. 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.

4.4 - Access

4.4.2 - Alternate route on private property (2/04)

It is the Purchaser's responsibility to obtain access across private land for any routes other than the route shown on the sale map.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/11)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning a Payment Unit to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (6/11)

A post-sale conference on site between the Purchaser and sale administrator is required 5 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.

5.1.6 - Utility R.O.W. (1/15)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line R.O.W. for operations.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.2 - Slash Removal

5.2.1.2.1 - Slash removal, right-of-way (9/16)

All slash must be removed at least 15 feet from the cleared right-of-way of forest roads.

5.2.1.2.6 - Slash removal, general (7/05)

All slash must be removed from Payment Unit 1. The reason is because this will assist in the scarification done post harvest.

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 (2/04)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 3, 5, 6, 7, 8, 9, 10, 11, and 12, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of July 15th to December 1st. This restriction is because of the cross country ski trail. If weather permits (snow free), work could continue after December 1st with the permission of the unit manager.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 5, 6, 7, 8, 9, 10, 11, and 12, 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.

5.2.3.6 - 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.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 4, cutting, skidding, and hauling occur during a dry summer or snow free winter conditions. The reason for the recommendation is because within the sale unit area is low and wet and will require crossing the Days River pathway in the winter months for access.

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of the powerline without permission of the powerline company. No decking is allowed in the Days River parking lot; see GPS point on the Timber Sale Map.

5.2.40 - Pathway protection (10/10)

The Days River pathway is a bike, hiking, ski trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue 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. Skidding across the trail may only occur in locations approved by the sale administrator.

5.2.41 - Snowmobile trail protection (9/11)

The road on the west side is a snowmobile and ORV 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 is used for hauling from July 15th to December 1st, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1st. 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 and ORV trail and the trail will be maintained and not blocked during the ORV/ATV season.

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.

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 the access roads and the Days River Road that are being used prior to beginning operations. The road must be posted at locations designated by the timber sale administrator 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.

6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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 Days River pathway and ATV/ORV trail prior to beginning operations. The trail must be posted at locations designated by the timber sale administrator 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.

7 - Other Conditions

7.3 - Contract Modifications

7.3.1 - Emerald Ash Borer

7.3.1.1 - Emerald ash borer, no ash or firewood on sale (2/05)

There is no ash or "firewood" in this sale, but it is located within an emerald ash borer quarantined area. The Director of the Michigan Department of Agriculture (MDA) by the authority of Act No. 72 of the Public Acts of 1945, as amended, and Quarantine Regulation No. 620, has promulgated this quarantine to prevent the further spread of this pest and sets forth: definitions, regulated articles, regulated areas, conditions of movement, violations and penalties, and special exemptions. The Purchaser must comply with this quarantine. Contact the MDA for further information.

**TIMBER SALE MAP**

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

Sale Number	Year
33-009-16-01	16
Date	Page of
09/25/2016	1 1

Forest Management Unit	County	Mapped By	Scale
Escanaba	Delta	Racine	1:15,840
Township	Range	Section(s) and Subdivision(s)	
40, 41N	22W	See Proposal	

Cover Type

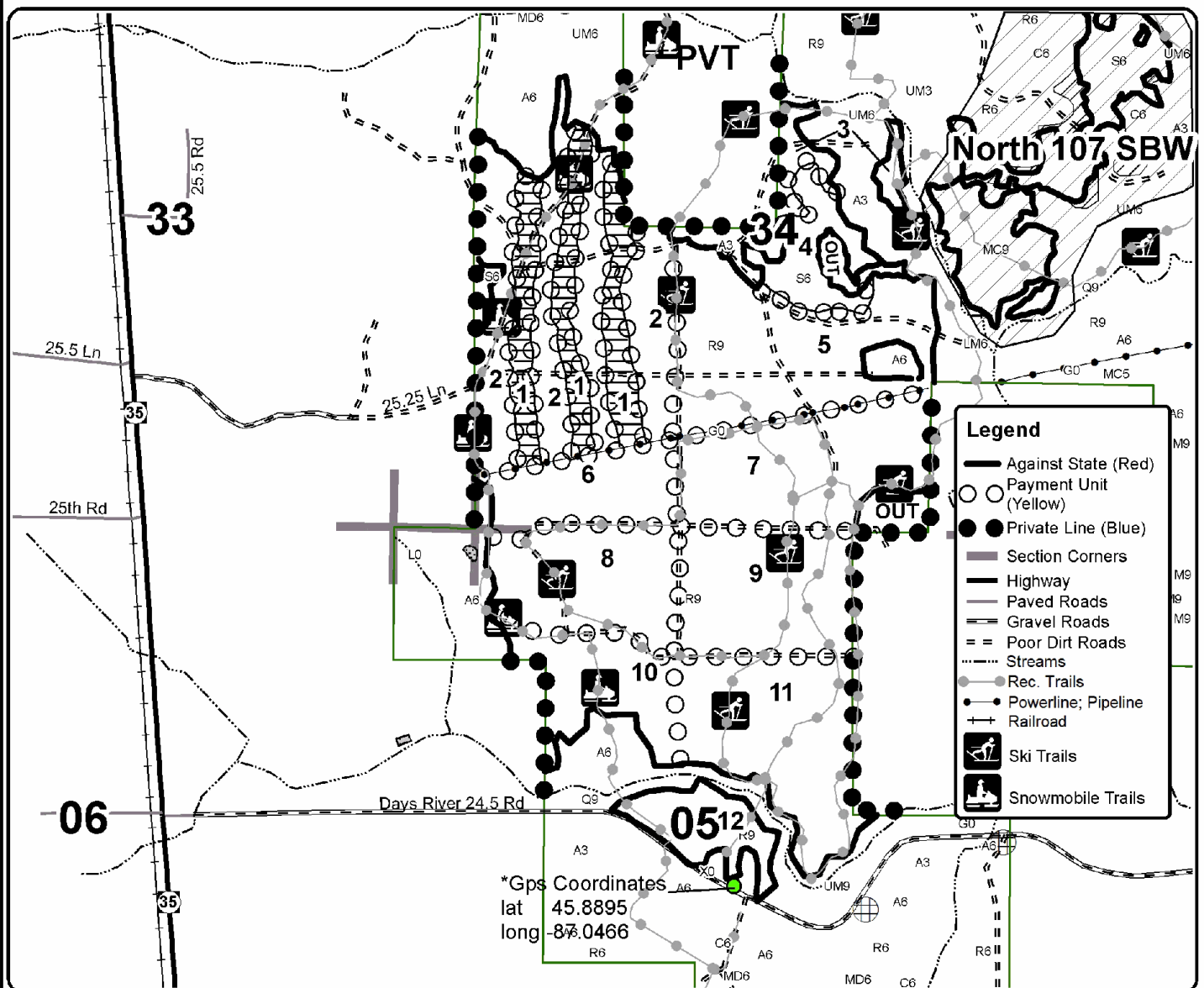
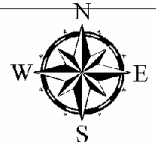
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
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	PU	Acres	PU	Acres
1	31.9	4	15.4	7	41.9	10	24.6
2	65.9	5	54.7	8	35	11	47.1
3	7.9	6	22	9	39	12	14.9

Pine Trail
Compartment 107
400.3 Acres



0 0.125 0.25 0.5 0.75 1 Miles