



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #5744**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on October 31, 2016.

LOCATION: **GWINN MGMT UNIT, 410 WEST M-35, GWINN, MI 49841.**

CONTACT NAME: Tom Seablom

PHONE NUMBER: (906) 346-9201

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

Brad's Bear Aspen SBW (32-119-16)

Marquette County, Advertised Price \$115,511.50, 114.8 Acres, Aspen, Spruce/Fir/Tamarack.

SALE NOTE: Sale may need crain mats to access unit 1, many areas of the sale have wet areas that will require caution during operations.

## TIMBER SALE INFORMATION

Brad's Bear Aspen SBW (32-119-16)

Marquette County (Advertised Price \$115,511.50)

SALE NOTE: Sale may need crain mats to access unit 1, many areas of the sale have wet areas that will require caution during operations.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Pulpwood		
Balsam Fir	764.00 Cords	\$ 35.10 / Cord
Black Spruce	258.00 Cords	\$ 33.40 / Cord
Jack Pine	47.00 Cords	\$ 54.50 / Cord
Mixed Aspen	1,755.00 Cords	\$ 39.00 / Cord
Mixed Hardwood	127.00 Cords	\$ 33.65 / Cord
Paper Birch	38.00 Cords	\$ 39.40 / Cord
Red Pine	19.00 Cords	\$ 67.95 / Cord
Tamarack	28.00 Cords	\$ 20.50 / Cord
White Pine	13.00 Cords	\$ 46.20 / Cord
White Spruce	25.00 Cords	\$ 33.40 / Cord

### **BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$5,775.58 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 05/31/2020.

**Description of Timber by Payment Unit (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Balsam Fir Black Spruce Jack Pine Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Red Maple</i> Paper Birch Tamarack White Pine White Spruce	Pulpwood	103.0 58.0 8.0 120.0 <i>120.0</i> 4.0 <i>4.0</i> 10.0 5.0 3.0 13.0	Cords Cords Cords Cords <i>Cords</i> Cords <i>Cords</i> Cords Cords Cords Cords	11.5	\$11,872.40
2	Balsam Fir Black Spruce Jack Pine Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Black Cherry</i> <i>Red Maple</i> Paper Birch White Spruce	Pulpwood	72.0 4.0 36.0 487.0 <i>487.0</i> 17.0 <i>4.0</i> <i>13.0</i> 5.0 6.0	Cords Cords Cords Cords <i>Cords</i> Cords <i>Cords</i> <i>Cords</i> Cords Cords	24.1	\$24,585.25
3	Balsam Fir Black Spruce Jack Pine Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Red Maple</i> Paper Birch Tamarack White Pine	Pulpwood	60.0 122.0 3.0 167.0 <i>167.0</i> 19.0 <i>19.0</i> 5.0 5.0 3.0	Cords Cords Cords Cords <i>Cords</i> Cords <i>Cords</i> Cords Cords Cords	14.7	\$13,934.75
4	Balsam Fir Black Spruce Mixed Aspen <i>Balsam Poplar</i> <i>Quaking Aspen</i> Mixed Hardwood <i>Red Maple</i> Paper Birch Red Pine Tamarack White Pine White Spruce	Pulpwood	148.0 3.0 280.0 <i>76.0</i> <i>204.0</i> 65.0 <i>65.0</i> 3.0 10.0 8.0 7.0 2.0	Cords Cords Cords <i>Cords</i> <i>Cords</i> Cords <i>Cords</i> Cords Cords Cords Cords Cords	20.0	\$19,754.15
5	Balsam Fir Black Spruce Mixed Aspen <i>Quaking Aspen</i> Mixed Hardwood <i>Black Cherry</i> <i>Red Maple</i> <i>Yellow Birch</i> Paper Birch Tamarack White Spruce	Pulpwood	151.0 29.0 343.0 <i>343.0</i> 8.0 <i>1.0</i> <i>5.0</i> <i>2.0</i> 3.0 10.0 4.0	Cords Cords Cords <i>Cords</i> Cords <i>Cords</i> <i>Cords</i> <i>Cords</i> Cords Cords Cords	20.2	\$20,371.70
6	Balsam Fir	Pulpwood	230.0	Cords	24.3	\$24,993.25

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Black Spruce	Pulpwood	42.0	Cords		
	Mixed Aspen		358.0	Cords		
	<i>Balsam Poplar</i>		15.0	<i>Cords</i>		
	<i>Quaking Aspen</i>		343.0	<i>Cords</i>		
	Mixed Hardwood		14.0	Cords		
	<i>Red Maple</i>		14.0	<i>Cords</i>		
	Paper Birch		12.0	Cords		
	Red Pine		9.0	Cords		
TOTAL:			3,074.0	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Brad's Bear Aspen SBW**

**Sale Number: 32-119-16 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 red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Interior retention areas are marked with red paint.

### **2 - Timber Specifications**

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

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

Within Payment Unit(s) 1-6, cut all trees that are two (2) inches or more at DBH except do not cut any trees marked in green paint above and below stump height. In addition, within Payment Unit 1, do not cut cedar. Also, within Payment Unit 1 and 4, leave all black spruce trees which do not meet minimum piece specifications in 2.2 Utilization.

### **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)**

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. 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. These roads must be rendered impassable to cars and trucks. 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.

#### **4.2 - Maintenance**

##### **4.2.1 - Hauling restriction (12/08)**

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during spring breakup, or may occur during wet weather conditions.

##### **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.

## 5 - Operations

### 5.1 - Notification

#### 5.1.1 - Pre-sale conference (10/11)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The sale administrator must be contacted at least 3 business 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 3 business 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

#### 5.2.2 - 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

##### 5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

#### 5.2.17 - Crane Mats/Timber Mats (10/14)

Some roads or skid trails may require extra protection such as that afforded by Crane Mats/Timber Mats. If available, Crane Mats/Timber Mats may be borrowed from the DNR and are located at the Marquette ICC and the Grayling Field Office. Contact the sale administrator for specific details. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's Crane Mats/Timber Mats. It is the responsibility of the Purchaser to contact the sale administrator to schedule pick up and drop off. In addition, all mats must be cleaned prior to drop off. A charge of \$125.00 will be assessed for all damaged or non-returned mats. Damage is defined as misuse resulting in three or more broken cants.

#### 5.2.22 - Operating Caution

##### 5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1, 4, 5, and 6, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is because wet soil conditions.

#### 5.2.29 - Shrub protection (9/07)

Do not cut or damage juneberry. These woody-shrub plants are highly beneficial to various wildlife species.

#### 5.2.31 - Landing locations (9/13)

In general, landings are limited to a "T" turnaround which will accommodate a truck with a 50 foot trailer.

#### 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.

## 7 - Other Conditions

### 7.3 - Contract Modifications

#### 7.3.1 - Emerald Ash Borer

##### 7.3.1.2 - Emerald ash borer, ash or firewood on sale (2/05)

There is ash and/or "firewood" in this sale and 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
32-119	16

Forest Management Unit		County	Mapped By	Rick Hill	Date	Page	of
Gwinn		Marquette	Cruised By	Rick Hill	8/8/16	1	1
Township	Range	Section(s) and Subdivision(s)			Scale		
45N	28W	NWNW of S22, NENE, NWNE, SENE of S21, W1/2SW Of S15, NESE, SESE, SWSE of S16			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	

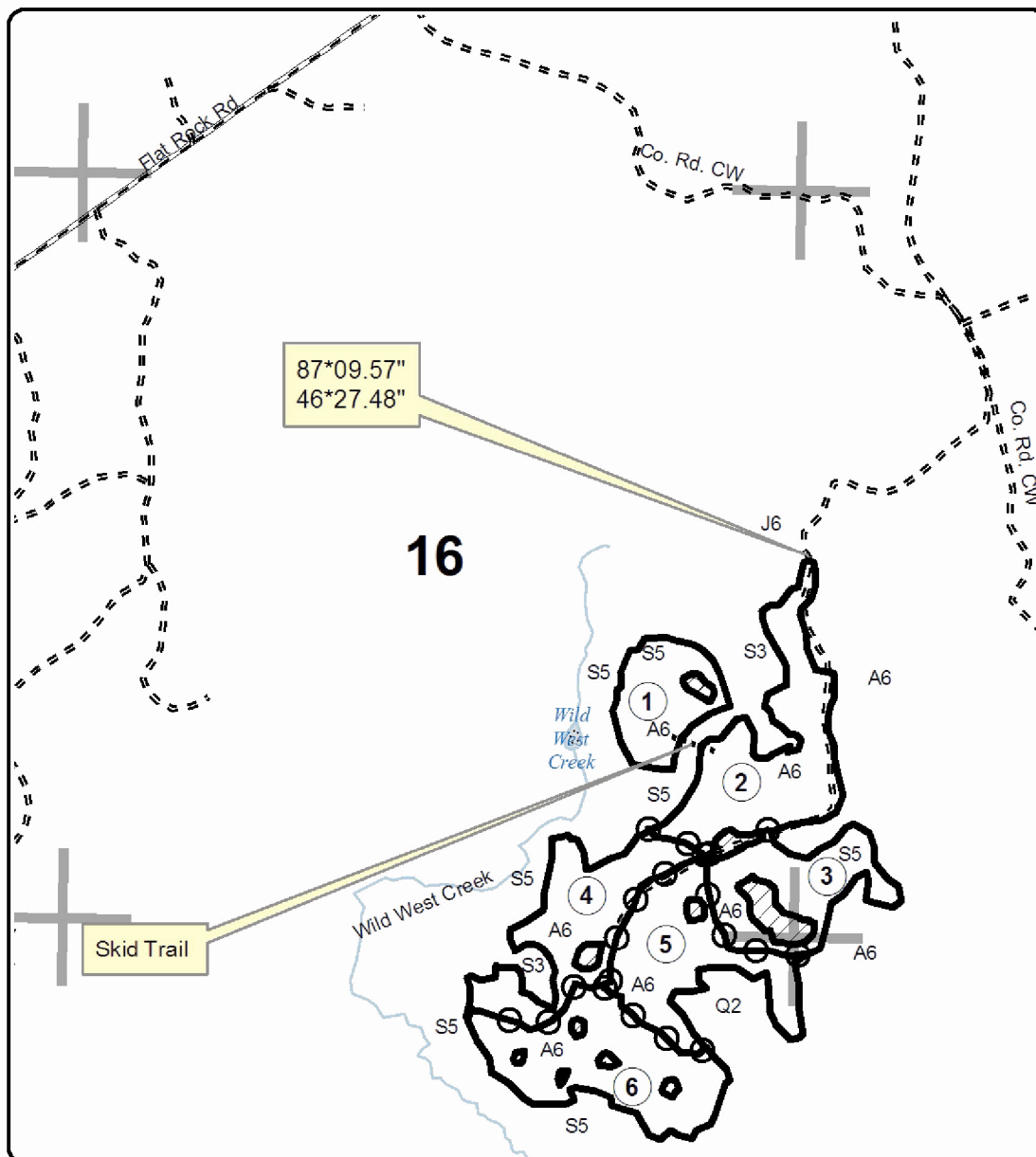
**Density**

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

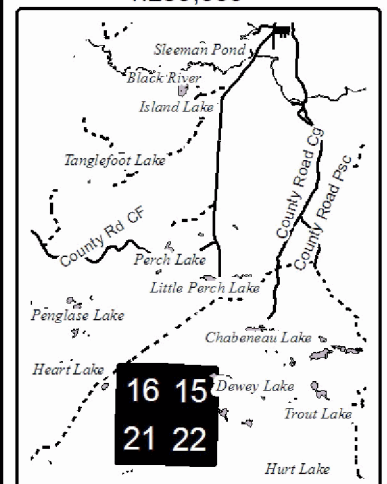
PU	Acres	PU	Acres
1	11.5	4	20.0
2	24.1	5	20.2
3	14.7	6	24.3

## Brad's Bear Aspen SBW

Compartment 230, 237, 238  
114.8 Acres

**Legend****Sale Boundary**

- Against State (Red)
- Payment Unit (Yellow)
- Section Corners
- Skid Trails
- Gravel
- Poor Dirt
- Retention Area (Red)
- Rivers

**Locator Map**  
1:250,000

0 0.125 0.25 0.5 0.75 1 Miles