



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #4919**

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on August 7, 2013.

LOCATION: SHINGLETON MGMT UNIT, PO BOX 67 M-28 WEST, SHINGLETON, MI 49884.

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

SOUTH EAST SIDE DUCK (41-008-12-01) / T43N, R14W, SEC. 16, SWSW.

T43N, R14W, SEC. 17, E1/2NW,W1/2NE,W1/2SE,SESE,NESW.

Schoolcraft County, Advertised Price \$72,059.75, 68.0 Acres

SALE NOTE: Access to the sale will require three (3) rock weirs to be installed and one (1) portable bridge. The DNR will secure any necessary permits that may be required, but all costs associated will be at the Purchaser's expense. If available, a bridge may be borrowed from the DNR.

Purchasers are encouraged to examine Unit 1 closely as there may be some char east of the road from the Seney Fire.

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. Access may be through state forest land.

PIECES O NOMAD (41-013-12-01) / T44N, R16W, SEC. 06, NWNW,E1/2NW,SWNE,SESW,W1/2SE.

T44N, R16W, SEC. 07, NE1/4.

T45N, R16W, SEC. 31, SWSW.

Schoolcraft County, Advertised Price \$36,201.60, 87.0 Acres

SALE NOTE: Bidders are encouraged to look at the access to this sale carefully as it will likely require at a minimum several cross drainage culverts.

Roads must be graded after the sale is completed. This applies only to the Haymeadow Creek Road.

Within Payment Units 1-5, it is recommended, but not required, that harvest occur during dry summer or frozen winter conditions due to sensitive wetland soils/soft soil conditions surrounding the sale area.

No designated recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Access may be through state forest land.

MARSH-A-THON (41-016-12-01) / T42N, R16W, SEC. 04, NE1/4, E1/2NW, E1/2SW.

Schoolcraft County, Advertised Price \$18,043.45, 69.0 Acres

SALE NOTE: Roads must be graded after the sale is completed.

Within Payment Units 3-5, it is recommended, but not required, that harvest occur during dry summer or frozen winter conditions due to wetland crossing needed to access the Units.

The Haywire Grade is a snowmobile trail and is shown on the Locator Map of the Timber Sale Map. 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 road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail.

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. Access may be through private or state forest land.

## BID INSTRUCTIONS (VER. 06/06/2013):

### 1. Scheduled Bid Location, Date, and Time (2/11)

Bids must be received by the Unit Manager, SHINGLETON OFFICE, PO BOX 67 M-28 WEST, SHINGLETON, MI 49884, no later than 2:00 p.m. (local time) on August 7, 2013. For further information concerning this sale, contact Robert Burnham at 906-452-6227 extension 240.

### 2. Bidder's Qualifications (2/12)

Purchaser shall obtain workers compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. If all or part of a timber sale was prepared by a private contractor, that contractor and that contractor's company are not permitted to bid on the timber sale contract. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

### 3. Preparation of Sealed Bids (1/11)

Bids shall be manually signed in ink; bid prices must be entered for each species and product in the Bid Price column for all material subject to bidding; and all fill-in blanks must be completed. If erasures or other changes appear on the forms, each erasure or change must be initialed by the person signing the bid.

### 4. Submission of Sealed Bids (6/11)

Bid forms may be obtained from the Unit Manager. All bids must be submitted on the bid form and in an envelope clearly identified as described in this section. NOTE: Only one bid form per bid envelope. Sealed bids must be submitted to the Unit office designated in the prospectus and must be submitted at or prior to the time established in the prospectus. The envelope should show on the outside (a) the sale name or number and (b) the date and time of bid opening as shown in the prospectus. Bids received after the time specified in the sale prospectus are late bids and will be rejected.

### 5. Public Opening of Sealed Bids (6/13)

If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.

If a bidder, present at a bid opening, has submitted bids on more than one sale, that bidder may withdraw their unopened bid envelopes after being declared the successful bidder on one sale.

### 6. Award of Contract (1/11)

Award of the contract will be made to the Bidder whose bid, conforming to the prospectus, is most advantageous to the State of Michigan on the basis of total value at rates bid for the estimated quantities. The State reserves the right to reject any bid or waive any minor irregularity in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party.

### 7. Down Payment (1/11)

The Bidder to whom award is made must make a down payment within 21 days of the sale award. The amount of the down payment will be calculated as shown in the Bond and Payment Schedule of this prospectus. Only cash may be used to meet this requirement.

### 8. Performance Security (1/11)

As guarantee of faithful performance, a cash bond, certificate of deposit, surety bond or irrevocable letter of credit (LOC) is required within 21 days of the sale award. The amount of the performance security is shown in the Bond and Payment Schedule of this prospectus. If an LOC or surety is used, the coverage must extend for at least 6 months beyond the contract expiration.

### 9. Timber Sale Contract (10/12)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at [www.michigan.gov/timber](http://www.michigan.gov/timber). Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not

taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 1 year. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the termination date.

10. Disclaimer of Estimates and Bidder's Warranty of Inspection (1/11)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery. No reliance should be placed on the State of Michigan's estimates of timber quality, quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

11. Certification and Chain-of-Custody (3/13)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate # NSF-SFIS-5Y031-S1. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

KEITH CREAGH

Director

## TIMBER SALE INFORMATION

SOUTH EAST SIDE DUCK (41-008-12-01)  
 T43N, R14W, SEC. 16; T43N, R14W, SEC. 17.  
 Schoolcraft County (Advertised Price \$72,059.75)

SALE NOTE: Access to the sale will require three (3) rock weirs to be installed and one (1) portable bridge. The DNR will secure any necessary permits that may be required, but all costs associated will be at the Purchaser's expense. If available, a bridge may be borrowed from the DNR.

Purchasers are encouraged to examine Unit 1 closely as there may be some char east of the road from the Seney Fire.

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. Access may be through state forest land.

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>
Sawlogs		
Red Pine	205.50 MBF	\$ 129.00 / MBF
Pulpwood		
Jack Pine	236.00 Cords	\$ 33.95 / Cord
Red Pine	709.00 Cords	\$ 42.25 / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$7,582.80:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawlogs		
Paper Birch	0.80 MBF	\$ 132.00 / MBF
White Pine	19.50 MBF	\$ 43.00 / MBF
Pulpwood		
Balsam Fir	7.00 Cords	\$ 11.75 / Cord
Black Spruce	137.00 Cords	\$ 21.50 / Cord
Mixed Aspen	9.00 Cords	\$ 19.00 / Cord
Mixed Hardwood	60.00 Cords	\$ 17.20 / Cord
Paper Birch	14.00 Cords	\$ 12.85 / Cord
Tamarack	7.00 Cords	\$ 15.30 / Cord
White Pine	169.00 Cords	\$ 12.55 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 22.15 percent. 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 **\$4,000.00** 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	24%
02	27%
03	39%
04	8%
05	2%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2016.

## Sale Specific Conditions & Requirements

**Sale Name: South East Side Duck    Sale Number: 41-008-12-01**

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (10/12)

The sale boundary and Payment Unit boundaries are marked and identified by red and/or yellow paint. The painted boundary line trees are not Included Timber and are to be protected. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Painted boundary line trees are only to be cut if they are 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

##### 2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 4 and 5, cut all trees which meet minimum piece specifications in 2.2 Utilization except hemlock and oak in Unit 4 and hemlock, oak, red pine and white pine in Unit 5. Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

##### 2.1.7 - Leave tree marked unit(s) (8/11)

Within Payment Unit(s) 1, 2 and 3, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting except hemlock, oak, cedar and trees marked with green paint above and below stump height.

##### 2.1.11 - Description of timber note (2/04)

Note that within Payment Unit 1 east of the old trail road the trees may have char on them from the 1977 Seney Fire.

#### 2.2 - Utilization

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

Stump heights within Payment Units 2, 3 and 4 shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is in order to facilitate planting operations.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing payment units (12/08)

Payment Unit(s) 1, 2 and 3 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.

#### 3.4 - Damaged Timber

##### 3.4.1 - Damaged timber (6/05)

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 Payment Unit 1. Damage to residual trees (defined as breaking of the cambium layer, broken tops or bending of trees from their natural position) is not acceptable.

Within the sale area, 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 \$300.00 per acre for all acreage within that specified portion of the sale area that was damaged.

##### 3.4.2 - Special Protection Trees (8/11)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are hemlock and oak. The Purchaser shall protect special protection trees from damage by the Purchaser's operations. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100.00 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

#### 4.1.2 - Stream crossings, specific (3/11)

As indicated on the attached Timber Sale Map a stream crossing will be required. The crossing will likely require a bridge. A wooden portable bridge may be borrowed from the DNR, it is located at the Thompson Fire Garage. This installation will be performed in accordance with the specifications on the appropriate permits which shall be provided by the DNR.

#### 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.

#### 4.1.5 - Culverts (9/11)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the sale administrator and they shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 18 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the sale administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR.

#### 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 within 30 days of completion of hauling. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing double earthen berms at strategic locations. Contact the sale administrator for specific details of design and placement.

#### 4.1.8 - Road work (1) (8/07)

The following road work is required: As indicated on the attached timber sale map the purchaser is responsible for placing 3 rock weirs. This work will involve excavating the marsh crossing at each location and placing a total of 150 yards of 4"-6" angular rock (total for all 3) over top of geo-textile fabric. The excavation will entail digging the crossings out below the grade of the marsh enough so that when the rock is placed it will not inhibit sheet flow within the marsh. All work and materials are at the purchasers expense and the crossings will remain after the sale is complete.

#### 4.1.10 - Oversight (12/08)

The Unit Manager, or his/her representative, must be present when the road improvement project is initiated.

#### 4.1.11 - Permits (2/12)

The DNR will secure any necessary stream crossing permits that may be required.

### 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.

## 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 discuss all conditions of the sale. 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.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.1 - Slash within sale area (2/04)

No trees are to be felled outside the sale area and all slash is to be kept at least 10 feet back from the red paint line.

##### 5.2.1.2 - Slash Removal

###### 5.2.1.2.1 - Slash removal, right-of-way (12/04)

All slash must be removed at least 10 feet from the cleared right-of-way of forest roads.

##### 5.2.1.11 - Slash for reforestation (5/07)

To facilitate reforestation, within Payment Units 2, 3 and 4 shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

#### 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

##### 5.2.3.6 - 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.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

#### 5.2.17 - Crane Mats/Timber Mats (9/11)

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 OSC 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 UP will be assessed for all damaged or non-returned mats. Damage is defined as misuse resulting in three or more broken cants.

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

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

#### 5.2.41 - Snowmobile trail protection (9/11)

The Highwater Truck Trail is a snowmobile trail and is used to access the sale from the south. This portion is not shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. The trail must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. 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.



## 5.4 - Soil Protection

### 5.4.1 - Rutting restriction, general (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and 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 (4/09)

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

#### 6.2.2 - 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 DNR 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.



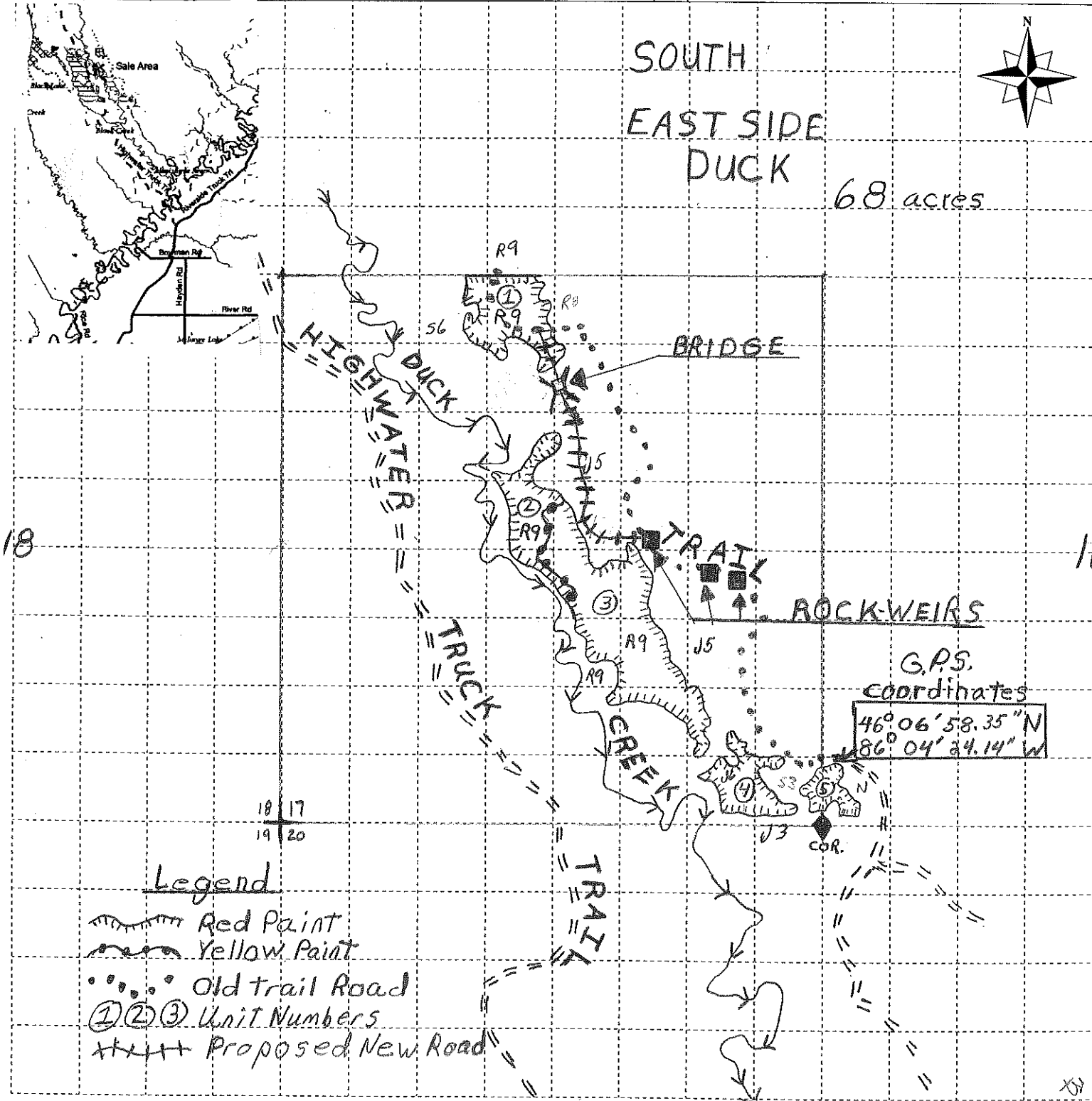
# TIMBER SALE MAP

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

008 12

Forest Management Unit <b>Shingleton</b>		County <b>Schoolcraft</b>	Mapped By <b>T. Burnis</b>	Date <b>2/23/12</b>	Page of <b>1   1</b>
Township <b>43N</b>	Range <b>14W</b>	Section(s) and Subdivision(s) <b>16 SWSW 17 E 1/2 NW 1/4, W 1/2 NE 1/4, W 1/2 SE 1/4, SESE, NESW</b>		Scale:  ... 4" .....  = 1 mile	

Cover Type				Density	
A = Aspen	G = Grass	O = Oak	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	H = Hemlock	P = Lowland Poplar	V = Bog or Marsh	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	J = Jack Pine	Q = Mixed Swamp Cnfr	W = White Pine	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	L = Lowland Brush	R = Red Pine	X = Non Stocked	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	S = Black Spruce	Z = Water	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	N = Marsh	T = Tamarack			



- Legend**
- Red Paint
  - Yellow Paint
  - Old trail Road
  - Unit Numbers
  - Proposed New Road

## TIMBER SALE INFORMATION

### PIECES O NOMAD (41-013-12-01)

T44N, R16W, SEC. 06; T44N, R16W, SEC. 07; T45N, R16W, SEC. 31.

Schoolcraft County (Advertised Price \$36,201.60)

SALE NOTE: Bidders are encouraged to look at the access to this sale carefully as it will likely require at a minimum several cross drainage culverts.

Roads must be graded after the sale is completed. This applies only to the Haymeadow Creek Road.

Within Payment Units 1-5, it is recommended, but not required, that harvest occur during dry summer or frozen winter conditions due to sensitive wetland soils/soft soil conditions surrounding the sale area.

No designated recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Access may be through state forest land.

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		
Black Spruce	686.00 Cords	\$ 25.70 / Cord
Jack Pine	52.00 Cords	\$ 40.60 / Cord
Mixed Hardwood	226.00 Cords	\$ 20.55 / Cord
Q. Aspen	258.00 Cords	\$ 28.60 / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$4,437.10:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawlogs		
Mixed Hardwood	1.70 MBF	\$ 93.00 / MBF
Paper Birch	0.70 MBF	\$ 155.00 / MBF
Red Pine	1.60 MBF	\$ 151.00 / MBF
White Pine	6.10 MBF	\$ 50.00 / MBF
Pulpwood		
Balsam Fir	69.00 Cords	\$ 14.10 / Cord
Paper Birch	78.00 Cords	\$ 15.40 / Cord
Red Pine	11.00 Cords	\$ 50.50 / Cord
W. Spruce	26.00 Cords	\$ 18.75 / Cord
White Ash	4.00 Cords	\$ 7.95 / Cord
White Pine	25.00 Cords	\$ 15.00 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 12.79 percent. 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 **\$1,825.00** 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.
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  - (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:
 

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	29%
02	7%
03	6%
04	46%
05	12%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2015.

## Sale Specific Conditions & Requirements

Sale Name: Pieces O Nomad Sale Number: 41-013-12-01

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (10/12)

The sale boundary and Payment Unit boundaries are marked and identified by red paint. The painted boundary line trees are not Included Timber and are to be protected. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with double slash marks in red paint. Red painted double slash marked trees designating as interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

### 2 - Timber Specifications

#### 2.1 - Included Timber

##### 2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1, cut all trees which meet minimum piece specifications in 2.2 Utilization except hemlock, oak and cedar.

Within Payment Units 2 and 3, cut all trees which meet minimum piece specifications in 2.2 Utilization except hemlock, oak, cedar, red pine and white pine.

Within Payment Unit 4 and 5, cut all trees which meet minimum piece specifications in 2.2 Utilization except hemlock, oak, cedar and trees marked with green paint above and below stump height.

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

##### 2.2.10 - No chipping tops and limbs (4/12)

Within Payment Unit(s) 1 - 5, chipping of the bole, 2-inches in diameter or greater, is allowed. Chipping of limbs or portions of the tree less than 2-inches in diameter 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 (12/08)

Payment Unit(s) 4 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.

#### 3.4 - Damaged Timber

##### 3.4.2 - Special Protection Trees (8/11)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are hemlock and oak. The Purchaser shall protect special protection trees from damage by the Purchaser's operations. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100 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

##### 4.1.3 - 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.

#### 4.1.5 - Culverts (9/11)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the sale administrator and they shall be installed prior to hauling. The culverts shall be new, corrugated metal. Culverts will be a minimum of 18 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the sale administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR. Allow 30-60 days for processing.

#### 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. The portion of road indicated as closed on the attached timbersale map will need to be leveled and may require drainage structures to be placed prior to hauling. 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. These roads must be rendered impassable to cars, trucks, and ORVs. 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. 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.

#### 4.2.4 - Grading (12/08)

Roads must be graded after the sale is completed. This applies only to the Haymeadow Creek Road. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

### 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 between the Purchaser and sale administrator is required prior to beginning any operations. Unit 5 should be inspected at this time to determine if any hemlock will need to be marked for operations. 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.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.2 - Slash Removal

###### 5.2.1.2.1 - Slash removal, right-of-way (12/04)

All slash must be removed at least 10 feet from the cleared right-of-way of forest roads.

##### 5.2.1.11 - Slash for reforestation (5/07)

To facilitate reforestation, the sale area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

#### 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.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

#### 5.2.17 - Crane Mats/Timber Mats (9/11)

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 OSC 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) 1-5, cutting, skidding, and hauling occur during frozen winter conditions. The reason for the recommendation is due to the wet areas surrounding the sale area.

#### 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 (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and 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 (4/09)

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.



Sale Number	Year
013	12

# TIMBER SALE MAP

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

Forest Management Unit <b>Shingleton</b>	County <b>Schoolcraft</b>	Mapped By <b>Irving</b>	Date <b>3/1/12</b>	Page <b>1</b>	of <b>1</b>
Township <b>44N 45N</b>	Range <b>16W</b>	Section(s) and Subdivision(s) <b>Sec 16: NW1/4, E1/4NW, SWNE, SESW, W1/2SE Sec 31: SWSW</b>			

Cover Type				Density			
A = Aspen	G = Grass	O = Oak	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	H = Hemlock	P = Lowland Poplar	V = Bog or Marsh	1 = Seedling Sapling Poor	6 = Pole Timber Well		
C = Cedar	J = Jack Pine	Q = Mixed Swamp Cnfr	W = White Pine	2 = Seedling Sapling Medium	7 = Saw Timber Poor		
D = Treed Bog	L = Lowland Brush	R = Red Pine	X = Non Stocked	3 = Seedling Sapling Well	8 = Saw Timber Medium		
E = Swamp Hdwoods	M = Mpl, Bch, Brch	S = Black Spruce	Z = Water	4 = Pole Timber Poor	9 = Saw Timber Well		
F = Spruce Fir	N = Marsh	T = Tamarack					

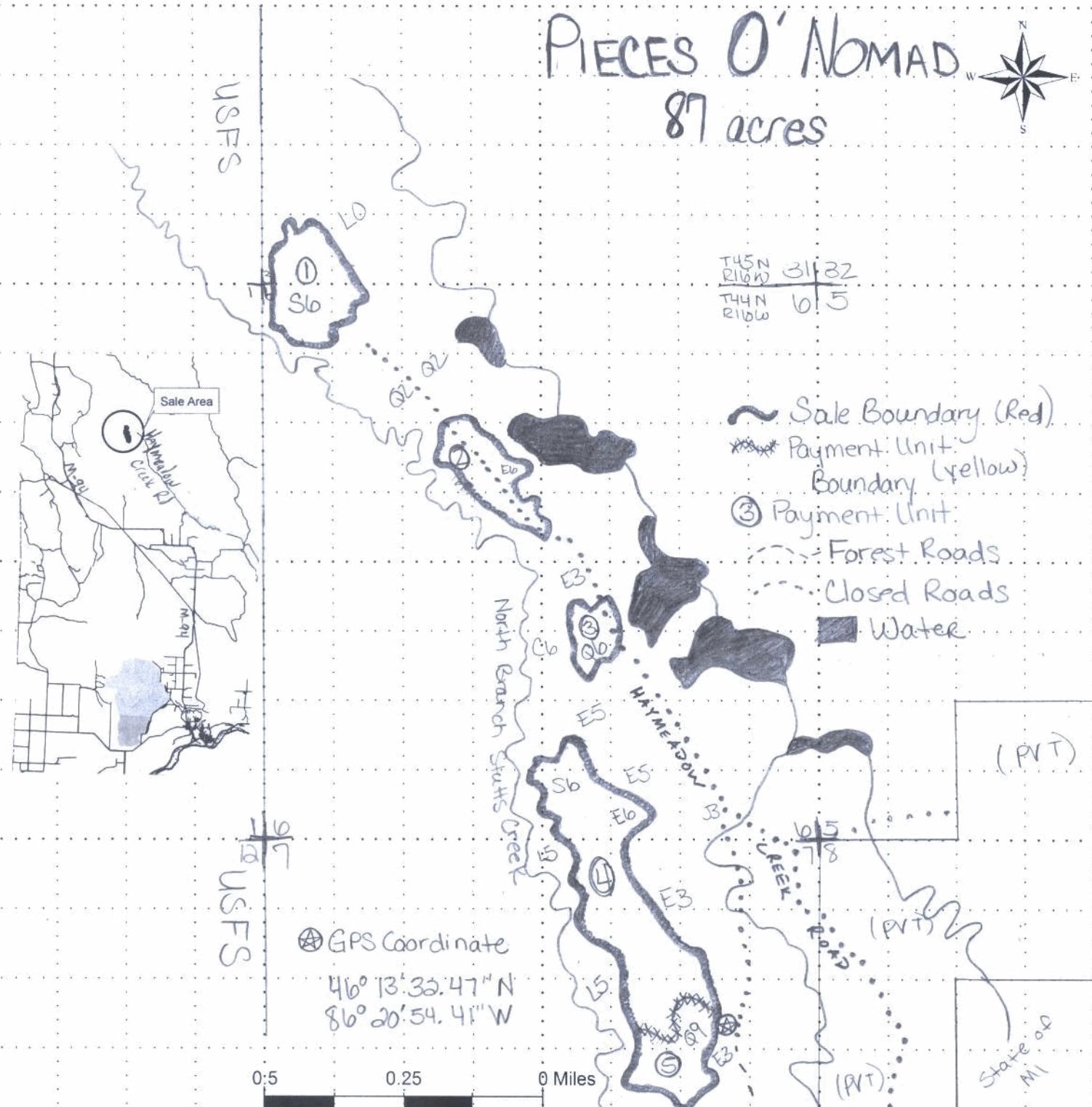
## PIECES O' NOMAD

87 acres



T45N	31	32
R16W	6	5
T44N		
R16W		

- ~ Sale Boundary (Red)
- \*\*\* Payment Unit Boundary (yellow)
- ③ Payment Unit
- - - Forest Roads
- - - Closed Roads
- Water



⊗ GPS Coordinate  
 46° 13' 32.47" N  
 86° 20' 54.41" W







## TIMBER SALE INFORMATION

### MARSH-A-THON (41-016-12-01)

T42N, R16W, SEC. 04.

Schoolcraft County (Advertised Price \$18,043.45)

SALE NOTE: Roads must be graded after the sale is completed.

Within Payment Units 3-5, it is recommended, but not required, that harvest occur during dry summer or frozen winter conditions due to wetland crossing needed to access the Units.

The Haywire Grade is a snowmobile trail and is shown on the Locator Map of the Timber Sale Map. 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 road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail.

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. Access may be through private or state forest land.

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>
Sawlogs		
Red Pine	23.80 MBF	\$ 165.00 / MBF
Pulpwood		
Black Spruce	243.00 Cords	\$ 21.05 / Cord
Jack Pine	45.00 Cords	\$ 33.30 / Cord
Red Pine	107.00 Cords	\$ 41.40 / Cord
White Pine	120.00 Cords	\$ 12.30 / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$1,597.00:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawlogs		
Paper Birch	1.30 MBF	\$ 153.00 / MBF
White Pine	12.50 MBF	\$ 55.00 / MBF
Pulpwood		
Paper Birch	6.00 Cords	\$ 12.60 / Cord
Red Maple	10.00 Cords	\$ 18.50 / Cord
Tamarack	30.00 Cords	\$ 15.00 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 19.90 percent. 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 **\$905.00** 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:
 

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	27%
02	25%
03	5%
04	27%
05	16%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2016.

## Sale Specific Conditions & Requirements

Sale Name: Marsh-a-thon Sale Number: 41-016-12-01

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (10/12)

The sale boundary and Payment Unit boundaries are marked and identified by red and/or yellow paint. The painted boundary line trees are not Included Timber and are to be protected. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Painted boundary line trees are only to be cut if they are 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

##### 2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1, cut all trees which meet minimum piece specifications in 2.2 Utilization, except any oak or hemlock.

##### 2.1.7 - Leave tree marked unit(s) (8/11)

Within Payment Unit(s) 2, 3, 4, and 5 cut all trees, which meet minimum piece specifications in 2.2 Utilization, except all oak and hemlock and any trees marked with green paint above and below stump height. 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 Payment Unit(s) 1 and 2 shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is in order to facilitate regeneration operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

### 3 - Payments

#### 3.4 - Damaged Timber

##### 3.4.2 - Special Protection Trees (8/11)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are any hemlock and oak. The Purchaser shall protect special protection trees from damage by the Purchaser's operations. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$100 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

##### 4.1.3 - 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.

##### 4.1.5 - Culverts (9/11)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways. If culverts are needed in these locations, their placement will be specified by the sale administrator and they shall be installed prior to hauling. The culverts shall be new, corrugated metal or plastic gauge. Culverts will be a minimum of 18 inches in diameter and 24 feet in length. If culverts are removed, fill shall be removed from wetland soils as specified. Soils shall be maintained and left in a non-erodible condition, with water bars, seed, fertilizer, mulch, and slash installed as directed by the sale administrator and as specified in the BMP manual. Stream crossing permits, if needed, will be obtained by the DNR.

##### 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. Any fill placed in wetland crossings must be pre-approved and removed after harvest operations are complete.

#### 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. 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. 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.

#### 4.2.4 - Grading (12/08)

Roads must be graded after the sale is completed. 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.

### 4.4 - Access

#### 4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the bidder. If the private landowner does not grant permission a new road will be built around their property and remain open after the sale is completed.

## 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 any operations. The Unit Manager or his/her representative must be contacted at least five (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.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.2 - Slash Removal

###### 5.2.1.2.1 - Slash removal, right-of-way (12/04)

All slash must be removed at least 10 feet from the cleared right-of-way of forest roads.

###### 5.2.1.11 - Slash for reforestation (5/07)

To facilitate reforestation, slash in Payment Units 1-5, shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

#### 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

##### 5.2.3.6 - 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.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

##### 5.2.17 - Crane Mats/Timber Mats (9/11)

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 OSC 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) 3-5, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because of the wetland crossing needed to access them.

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

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

##### 5.2.41 - Snowmobile trail protection (9/11)

The Haywire Grade is a snowmobile trail and is shown on the Locator Map of the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used for hauling, 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. No decking of forest products will be permitted along the snowmobile trail.

#### 5.4 - Soil Protection

##### 5.4.1 - Rutting restriction, general (1/09)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads 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 (4/09)

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

##### 6.2.2 - Snowmobile trail posting (8/09)

The Purchaser is responsible for posting and maintaining caution signs on the Haywire Grade prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from Smith Creek Road to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed.

### 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.



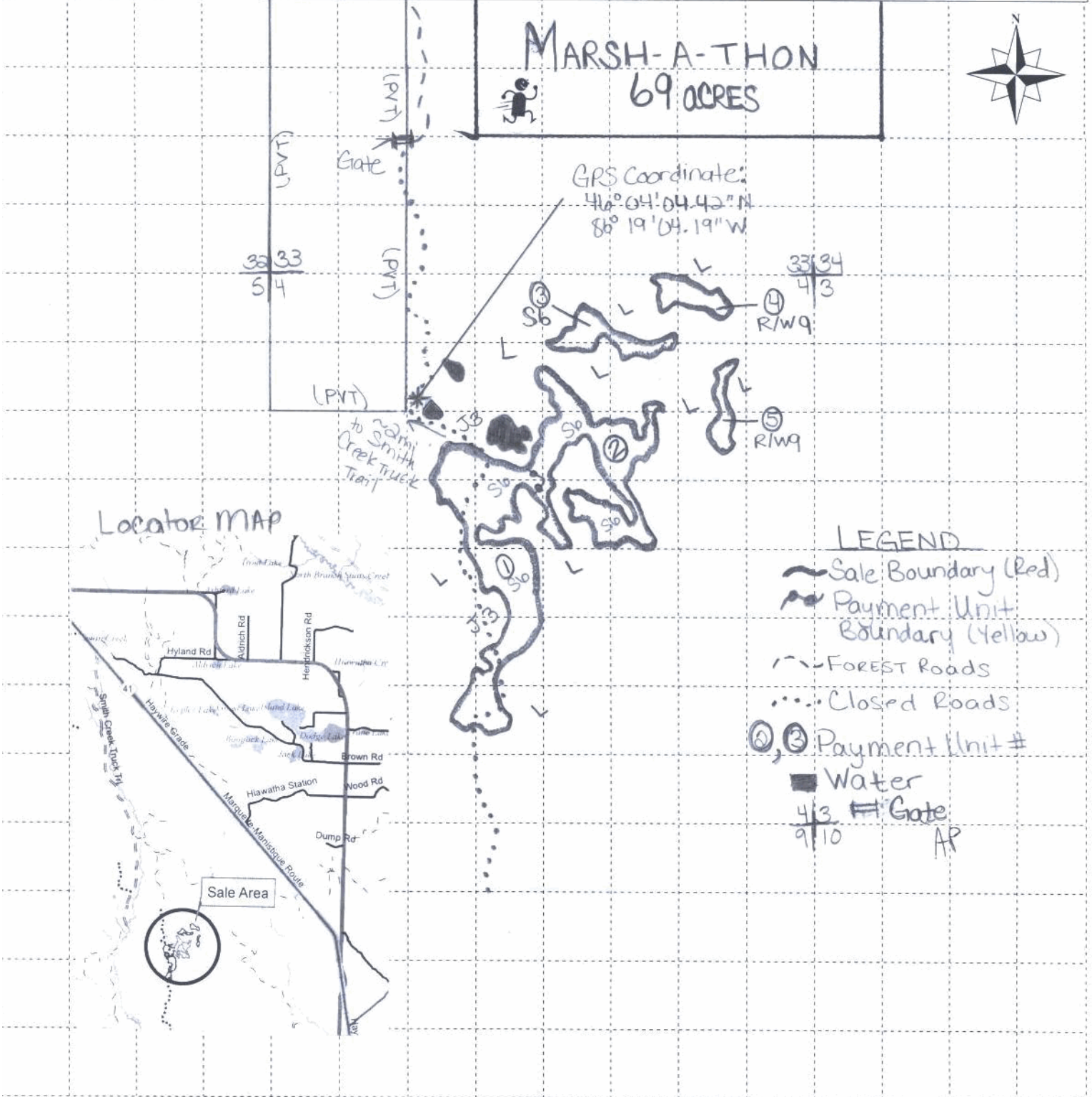
# TIMBER SALE MAP

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

Sale Number	Year
016	12

Forest Management Unit	County	Mapped By	Date	Page	of
Shingleton	Schoolcraft	Irving	3/9/12	1	1
Township	Range	Section(s) and Subdivision(s)	Cruised By		
42 N	16 W	Sec 4: NE 1/4, NENW, SENW, NESW, SESW	Irving, Oikannen		
			Scale:  ... 4" .....  = 1 mile		

Cover Type				Density			
A = Aspen	G = Grass	O = Oak	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	H = Hemlock	P = Lowland Poplar	V = Bog or Marsh	1 = Seedling Sapling Poor	6 = Pole Timber Well		
C = Cedar	J = Jack Pine	Q = Mixed Swamp Cnfr	W = White Pine	2 = Seedling Sapling Medium	7 = Saw Timber Poor		
D = Treed Bog	L = Lowland Brush	R = Red Pine	X = Non Stocked	3 = Seedling Sapling Well	8 = Saw Timber Medium		
E = Swamp Hdwoods	M = Mpl, Bch, Brch	S = Black Spruce	Z = Water	4 = Pole Timber Poor	9 = Saw Timber Well		
F = Spruce Fir	N = Marsh	T = Tamarack					



SOUTH EAST SIDE DUCK (41-008-12-01)  
T43N, R14W, SEC. 16; T43N, R14W, SEC. 17, Schoolcraft County

In response to the notice of sale to be held 2:00 p.m. (local time) on August 7, 2013, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE</u>
Sawlogs			
Red Pine	205.50 MBF	\$ 129.00 / MBF	\$ _____ / MBF
Pulpwood			
Jack Pine	236.00 Cords	\$ 33.95 / Cord	\$ _____ / Cord
Red Pine	709.00 Cords	\$ 42.25 / Cord	\$ _____ / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$7,582.80 :

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawlogs		
Paper Birch	0.80 MBF	\$ 132.00 / MBF
White Pine	19.50 MBF	\$ 43.00 / MBF
Pulpwood		
Balsam Fir	7.00 Cords	\$ 11.75 / Cord
Black Spruce	137.00 Cords	\$ 21.50 / Cord
Mixed Aspen	9.00 Cords	\$ 19.00 / Cord
Mixed Hardwood	60.00 Cords	\$ 17.20 / Cord
Paper Birch	14.00 Cords	\$ 12.85 / Cord
Tamarack	7.00 Cords	\$ 15.30 / Cord
White Pine	169.00 Cords	\$ 12.55 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 22.15 percent. 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: \_\_\_\_ - \_\_\_\_ - \_\_\_\_ or SOCIAL SECURITY NUMBER: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Company or individual bidding: \_\_\_\_\_

Company representative's name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Phone number : \_\_\_\_\_ Email (optional): \_\_\_\_\_

**THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE**



# TIMBER SALE

## VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and  
Part 525 of Act 451 of 1994, as amended.

FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

### VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within 21 days of the contract award and prior to the issuance of the timber sale contract.
- All Information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
  - A.  Sole Proprietorship (individual)
  - B.  Partnership
  - C.  Corporation
2. You **must** check one of the boxes below:
  - A.  I certify that my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
  - B.  I certify that my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
  - C.  I certify that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 21 days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

\_\_\_\_\_ Full-time Employees

\_\_\_\_\_ Part-time Employees

Name of Business		Federal ID (or) Social Security No.
Address		Telephone (      )
City	State	ZIP

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNRE of any changes that occur in factors affecting my coverage during any of my present and future operations.

\_\_\_\_\_  
Signature of Owner or Authorized Representative

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date



PIECES O NOMAD (41-013-12-01)

T44N, R16W, SEC. 06; T44N, R16W, SEC. 07; T45N, R16W, SEC. 31, Schoolcraft County

In response to the notice of sale to be held 2:00 p.m. (local time) on August 7, 2013, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE</u>
<u>Pulpwood</u>			
Black Spruce	686.00 Cords	\$ 25.70 / Cord	\$ _____ / Cord
Jack Pine	52.00 Cords	\$ 40.60 / Cord	\$ _____ / Cord
Mixed Hardwood	226.00 Cords	\$ 20.55 / Cord	\$ _____ / Cord
Q. Aspen	258.00 Cords	\$ 28.60 / Cord	\$ _____ / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$4,437.10 :

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
<u>Sawlogs</u>		
Mixed Hardwood	1.70 MBF	\$ 93.00 / MBF
Paper Birch	0.70 MBF	\$ 155.00 / MBF
Red Pine	1.60 MBF	\$ 151.00 / MBF
White Pine	6.10 MBF	\$ 50.00 / MBF
<u>Pulpwood</u>		
Balsam Fir	69.00 Cords	\$ 14.10 / Cord
Paper Birch	78.00 Cords	\$ 15.40 / Cord
Red Pine	11.00 Cords	\$ 50.50 / Cord
W. Spruce	26.00 Cords	\$ 18.75 / Cord
White Ash	4.00 Cords	\$ 7.95 / Cord
White Pine	25.00 Cords	\$ 15.00 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 12.79 percent. 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: \_\_\_ - \_\_\_ - \_\_\_ or SOCIAL SECURITY NUMBER: \_\_\_ - \_\_\_ - \_\_\_

Company or individual bidding: \_\_\_\_\_

Company representative's name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Phone number : \_\_\_\_\_ Email (optional): \_\_\_\_\_



# TIMBER SALE

## VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and  
Part 525 of Act 451 of 1994, as amended.

FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

### VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within 21 days of the contract award and prior to the issuance of the timber sale contract.
- All Information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
  - A.  Sole Proprietorship (individual)
  - B.  Partnership
  - C.  Corporation
2. You **must** check one of the boxes below:
  - A.  I certify that my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
  - B.  I certify that my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
  - C.  I certify that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 21 days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

\_\_\_\_\_ Full-time Employees

\_\_\_\_\_ Part-time Employees

Name of Business		Federal ID (or) Social Security No.
Address		Telephone (      )
City	State	ZIP

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNRE of any changes that occur in factors affecting my coverage during any of my present and future operations.

\_\_\_\_\_  
Signature of Owner or Authorized Representative

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

MARSH-A-THON (41-016-12-01)  
T42N, R16W, SEC. 04, Schoolcraft County

In response to the notice of sale to be held 2:00 p.m. (local time) on August 7, 2013, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE</u>
<b>Sawlogs</b>			
Red Pine	23.80 MBF	\$ 165.00 / MBF	\$ _____ / MBF
<b>Pulpwood</b>			
Black Spruce	243.00 Cords	\$ 21.05 / Cord	\$ _____ / Cord
Jack Pine	45.00 Cords	\$ 33.30 / Cord	\$ _____ / Cord
Red Pine	107.00 Cords	\$ 41.40 / Cord	\$ _____ / Cord
White Pine	120.00 Cords	\$ 12.30 / Cord	\$ _____ / Cord

In addition, the successful bidder agrees to purchase the following species at the indicated advertised price for a total value of \$1,597.00 :

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
<b>Sawlogs</b>		
Paper Birch	1.30 MBF	\$ 153.00 / MBF
White Pine	12.50 MBF	\$ 55.00 / MBF
<b>Pulpwood</b>		
Paper Birch	6.00 Cords	\$ 12.60 / Cord
Red Maple	10.00 Cords	\$ 18.50 / Cord
Tamarack	30.00 Cords	\$ 15.00 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 19.90 percent. 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: \_\_\_\_ - \_\_\_\_ - \_\_\_\_ or SOCIAL SECURITY NUMBER: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Company or individual bidding: \_\_\_\_\_

Company representative's name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Phone number : \_\_\_\_\_ Email (optional): \_\_\_\_\_



# TIMBER SALE

## VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and  
Part 525 of Act 451 of 1994, as amended.

FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

### VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
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- All Information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
  - A.  Sole Proprietorship (individual)
  - B.  Partnership
  - C.  Corporation
2. You **must** check one of the boxes below:
  - A.  I certify that my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
  - B.  I certify that my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
  - C.  I certify that my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within 21 days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

\_\_\_\_\_ Full-time Employees

\_\_\_\_\_ Part-time Employees

Name of Business		Federal ID (or) Social Security No.
Address		Telephone (      )
City	State	ZIP

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNRE of any changes that occur in factors affecting my coverage during any of my present and future operations.

\_\_\_\_\_  
Signature of Owner or Authorized Representative

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date