

St. Louis County February 16, 2017 Timber Auction Listing

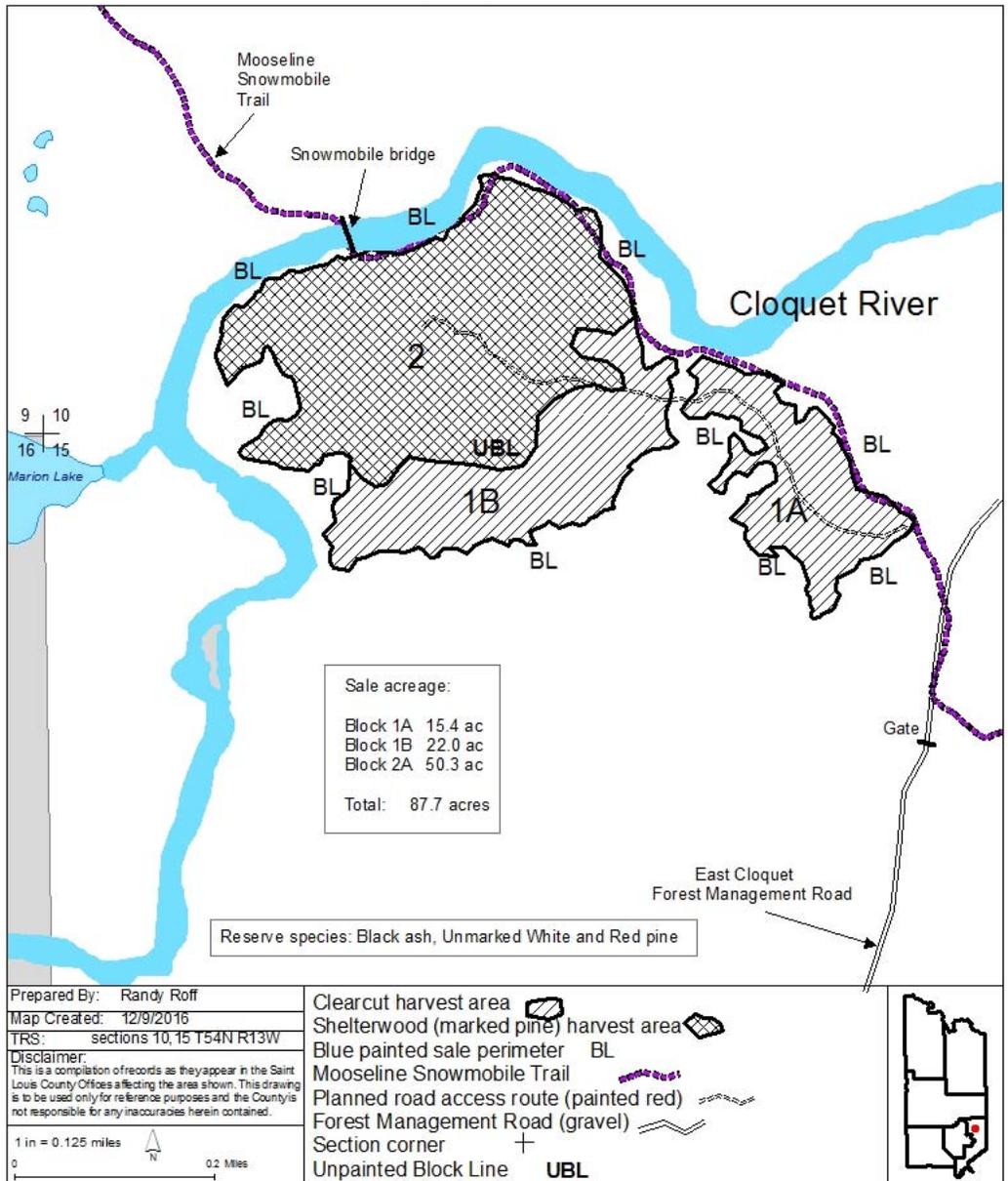
Tract # 19	CAMPBRIDGE PINE	Sale Administrator: Randy Roff
Unorganized Township	Number of Blocks: 2	Sec. 10 Sec. 15 Twp. 54N Rge. 13W
Pike Lake Area	Total Acres: 87.7	
C19170015	Expires: 4/15/2020	47° 10' 12.300" N 91° 58' 23.733" W

SOE	Product	No Bid	Total Volume	Appraised Value	Total Value
	Aspen pulpwood		479 Cords @	\$17.67 =	\$8,463.93
	Balm Of Gilead pulpwood		5 Cords @	\$16.98 =	\$84.90
	Balsam Fir pulpwood		133 Cords @	\$10.32 =	\$1,372.56
SOE	Birch pulpwood		367 Cords @	\$4.34 =	\$1,592.78
	Black Spruce pulpwood		56 Cords @	\$17.41 =	\$974.96
	Jack Pine pulpwood		2 Cords @	\$16.48 =	\$32.96
	Norway Pine pulp & bolts		266 Cords @	\$29.92 =	\$7,958.72
SOE	Red Maple pulpwood		3 Cords @	\$2.97 =	\$8.91
	White Pine pulp & bolts		175 Cords @	\$21.63 =	\$3,785.25
	White Spruce pulp & bolts		32 Cords @	\$14.45 =	\$462.40

Down Payment Required (15%): **\$3,710.61** Total Appraised Value: **\$24,737.37**

Comments:
 Seasons of Operation: After September 15 or during Frozen Ground. The purchaser has the option to purchase this sale as advertised or to purchase all species, except pine, as Sold On Appraised Volume (SOAV). In Block 2, Balsam 2 inches and larger, alive or dead, must be felled or run over. A minimum of \$1,000 of the down payment will be retained and will be held until satisfactory completion of the contract.

St. Louis County
 Cambridge Pine Sale



Use your smartphone to scan the QR Code for access to maps, cutting regulations, contract information and special regulations, or visit our website.



**Timber Sale Block Summary Report for
CAMPBRIDGE PINE (C19170015)**

Sale Total

Item	Product	Volume	Units	Price	Value
ASPEN	PULP	479.00	Cds	\$17.67	\$8,463.93
BALM OF GILEAD	PULP	5.00	Cds	\$16.98	\$84.90
BALSAM FIR	PULP	133.00	Cds	\$10.32	\$1,372.56
BIRCH	SOE	367.00	Cds	\$4.34	\$1,592.78
MAPLE-RED	SOE	3.00	Cds	\$2.97	\$8.91
PINE-JACK	PULP	2.00	Cds	\$16.48	\$32.96
PINE-NORWAY	P/B	266.00	Cds	\$29.92	\$7,958.72
PINE-WHITE	P/B	175.00	Cds	\$21.63	\$3,785.25
SPRUCE-BLACK	PULP	56.00	Cds	\$17.41	\$974.96
SPRUCE-WHITE	P/B	32.00	Cds	\$14.45	\$462.40
Sale Total					\$24,737.37

Block 1

Item	Product	Volume	Units	Price	Value
ASPEN	PULP	399.00	Cds	\$17.67	\$7,050.33
BALM OF GILEAD	PULP	5.00	Cds	\$16.98	\$84.90
BALSAM FIR	PULP	82.00	Cds	\$10.32	\$846.24
BIRCH	SOE	151.00	Cds	\$4.34	\$655.34
MAPLE-RED	SOE	2.00	Cds	\$2.97	\$5.94
PINE-JACK	PULP	2.00	Cds	\$16.48	\$32.96
PINE-NORWAY	P/B	3.00	Cds	\$29.92	\$89.76
SPRUCE-BLACK	PULP	10.00	Cds	\$17.41	\$174.10
SPRUCE-WHITE	P/B	14.00	Cds	\$14.45	\$202.30
Block 1					\$9,141.87

Block 2

Item	Product	Volume	Units	Price	Value
ASPEN	PULP	80.00	Cds	\$17.67	\$1,413.60
BALSAM FIR	PULP	51.00	Cds	\$10.32	\$526.32
BIRCH	SOE	216.00	Cds	\$4.34	\$937.44
MAPLE-RED	SOE	1.00	Cds	\$2.97	\$2.97
PINE-NORWAY	P/B	263.00	Cds	\$29.92	\$7,868.96
PINE-WHITE	P/B	175.00	Cds	\$21.63	\$3,785.25
SPRUCE-BLACK	PULP	46.00	Cds	\$17.41	\$800.86
SPRUCE-WHITE	P/B	18.00	Cds	\$14.45	\$260.10
Block 2					\$15,595.50

**CAMPBRIDGE PINE SALE
PROSPECTUS**

SALE EXPIRATION April 15, 2020.

OPERATION PERIODS Sale may only be operated after September 15th or during frozen ground conditions. This is due to Wood Turtle restrictions and is subject to the safe use of the snowmobile trail/access road.

LOCATION This sale is located in Sections 10 & 15, Township 54N, Range 13West.

ACCESS Access to the sale is from the end of the East Cloquet Forest Management Road. There is a gate there for which the sale operator must have a key. The Mooseline Snowmobile Trail will be used and upgraded to Block 1 of the sale, at which point a new road route will be constructed. The route to be used is painted in red in the field. An approximate 140 foot crossing of an alder swale will need to be constructed between Blocks 1A & 1B. Culverts and fabric will be supplied, borrow from source on 1A.

TIMBER

Species	Sticks	Dia.	Comments
Aspen	4.7	11.7	479 cords. 5.1 cords/acre
Birch	2.9	7.6	367 cords. 4.3 cords/acre. Smaller Birch.
Balsam Fir	2.1	7.1	133 cords. Extensive budworm mortality. Only obviously live trees were tallied in timber cruise.
Norway Pine	6.6	16.1	266 cords. Marked Pine only.
White Pine	5.3	15.1	175 cords. Marked Pine only.
Also sold			Balm, Red Maple, Jack Pine, Black and White Spruce

In Block 2, Balsam 2 inches and larger, alive or dead, must be felled or run over.

DOWNPAYMENT A minimum of \$1,000 of the down payment will be retained and will be held until satisfactory completion of the contract.

SCALING Birch and Maple are SOLD ON APPRAISED VOLUME and require no scaling. All other species must be scaled. The purchaser has the option to purchase this sale as advertised or to purchase all species, except for Pine, as Sold On Appraised Volume (SOAV).

SALE ADMINISTRATION Questions regarding the sale should be directed to Randy Roff, Forester II and sale administrator, at 5713 Old Miller Trunk Hwy, Duluth, MN 55811, phone (218) 625-3700.

Exhibit B1. Harvesting Provisions

Standard Contract Provisions

1. Access, Landings and Skid Trails

1.1 Location

- 1.1.1 Std - The location and construction of roads, skid trails, and landings must be approved by the Seller.
- 1.1.2 Std - Place fueling and maintenance areas outside of filter strips, riparian management zones and wetlands, where possible. Locations must be approved by the Seller.

1.2 Specifications

- 1.2.1 Std - No leaning, hanging or bent trees will be left, nor will stumps or debris be pushed against standing timber.
- 1.2.2 Std - Placement of earthen material or corduroy may be required to prevent excessive rutting on roads or skid trails, as determined by the Seller.
- 1.2.3 Std - All borrow pits, ditches and other exposed soil areas must be sloped to 2:1 or flatter unless approved by the Seller.
- 1.2.4 Std - All logging roads and skid trails must be shaped so as to allow for proper drainage and erosion control at all times.
- 1.2.5 Std - Water control structures, such as water bars, slash mats, diversion channels, hay bales or other appropriate measures must be constructed and maintained as needed or as determined by the seller.

1.3 Maintenance

- 1.3.1 Std - Purchaser must maintain or immediately repair any access that is located on an established road or trail. If damage occurs to a public road, purchaser will immediately contact the Seller and the road authority for direction and repair requirements.

1.4 Gating and Signing

- 1.4.1 Std - A sign, provided by the Seller, with the Timber Harvesting Contract number will be posted and maintained by Purchaser on the access to the sale area.

2. Slash

- 2.0.1 Std - No slash may be left within 50 feet of any road, trail, stream, red painted harvest boundary or structure unless otherwise agreed upon.

3. Harvest Practices

- 3.0.1 Std - Cutting must proceed in a manner which will protect site productivity and ensure regeneration.
- 3.0.2 Std - Painted boundary trees must not be cut.
- 3.0.3 Std - Exposure of mineral soil must be minimized in filter strips. Equipment movement in the filter strip should generally be perpendicular to the wetland and not parallel to it.
- 3.0.4 Std - Skidding of timber within the right-of-way or across any road must be approved by the Seller.
- 3.0.5 Std - Stump heights must be no more than the stem diameter or 10" whichever is less.

4. Reserves

- 4.0.1 Std - Reserve and limit damage to pre-existing coarse woody debris.

5. Operational Periods

5.1 Harvest and Skidding

- 5.1.1 Std - Purchaser is responsible for monitoring conditions and postponing, shutting down or modifying operations to prevent site damage.
- 5.1.16 Std - If this contract was purchased under restricted bidding conditions, the contract is deemed non-transferable and cannot be reassigned.

7. Other

- 7.0.1 Std - If an unsafe condition is identified, the purchaser is required to take immediate steps to mitigate the hazard and notify the Seller.

8. Scaling of Timber

- 8.0.1 Std - Products to be ground scaled must be piled so that an accurate scale can be made.
- 8.0.2 Std - Consumer Scaling
- (1) The instructions in the load ticket booklet are part of this agreement.
 - (2) A scale ticket must accompany each load of scaled species delivered.
 - (3) Any penalties assessed against the Purchaser will be charged to the contract and subtracted from any block credit, downpayment balance or will be billed for each penalty assessed.
 - (4) Consumer Scaling is not allowed after the contract completion date unless a Consumer Scaling extension has been authorized by the Seller. Therefore, with the exception of SOAV wood and wood under a Consumer Scaling extension, all cut products that remain on the landings must be scaled by the seller.
- 8.0.3 Std - Purchaser must give the Seller three days notice before on-site scales will be made. The Seller's costs may be billed to the Purchaser for all scaling involving less than 30 cords per scaling trip.

9. Timber Utilization

- 9.0.1 Std - No snags or coarse woody debris may be utilized.
- 9.0.2 Std - All bole material in the main stem of trees of the species listed in the Contract as harvest trees which contain one 100-inch cordwood sticks with a top diameter of at least 3 inches for spruce and tamarack and 4 inches for all other species are included in the sale volume. All other material will be defined as residual (tops, limbs and undersized).
- 9.0.3 Std - Purchaser will be billed for any timber that is sold and not utilized.
- 9.0.4 Std - Some or all of the down payment may be held to ensure removal of bio-fuels piles.
- 9.0.5 Std - Piles left on site beyond one year from completion of a Block may be disposed of by the Seller at the Purchaser's expense.
- 9.0.6 Std - The Purchaser will notify the Seller of their intention to store cut products, including residues to be chipped, prior to placing any piles. The location of piles and their size will be at the Seller's discretion.
- 9.0.7 Std - No less than 20% of the harvested tops on the sale must be reserved and evenly distributed on the site. The Seller and Purchaser will determine which species or combination of species will have tops reserved. No refunds will be made for residuals that are reserved.
- 9.0.8 Std - SOAV species are intended to include the entire above ground portion of the tree, including residuals and may be removed at the discretion of the contractor, unless otherwise specified. Roundwood measure is shown for bidding purposes only, and does not include any estimate of residuals.
- 9.0.9 Std - The residuals of the Scaled species will be available for purchase on this sale. A contract amendment for the additional volume must be completed and additional payment made before any residuals may be removed.

Exhibit B2. Harvest Provisions

Sale Name: Cambridge Pine

1. Access, Landings and Skid Trails

1.1. Location

- 1.1.3 Access to the harvest area must use the road(s) as depicted on the sale map. The road route will be indicated in the field with red paint.
- 1.1.5 Landings are allowed on upland areas only.

1.2. Specifications

- 1.2.6 Road construction debris must be disposed of by burning, burial, scattering or removal from the site as approved by the Seller.
- 1.2.10 Gate must be closed and locked whenever not actively hauling loads from the sale.
- 1.2.14 At least 2 culvert(s), and road fabric, must be installed as approved by the seller in the alder swale crossing between blocks 1A and 1B. Culverts may also be necessary elsewhere on the road access route.
- 1.2.15 Culverts must be covered with 12 inches of material or ½ their diameter, whichever is greater.
- 1.2.17 No timber may be removed until the roads and landings are completed to the satisfaction of the Seller.

1.5. Supplies

- 1.5.1 Earthen material is available for use only within the contract area or for use on an approved access. This material source must be approved by the Seller, and upon completion of material removal, pits must be sloped and/or reclaimed to the satisfaction of the Seller.
- 1.5.2 Culverts and/or road fabric may be supplied at no charge by the Seller and are available at designated locations.

2. Slash

- 2.0.2 All residue (tops, limbs and undersized) must be utilized or spread as evenly as possible over the harvest area and is to be scattered and lopped or compressed so that it lies within 3 feet of the ground. See the Timber Utilization Section for additional residual utilization requirements.
- 2.0.4 Slash and other debris must be immediately removed from the snowmobile trail.

3. Harvest Practices

- 3.0.6 Harvesting and Skidding are restricted to harvest areas designated as CLEARCUT or CCT on the map, which means cutting of all harvest species 2 inch diameter and larger.
- 3.0.8 Harvesting and Skidding are restricted to harvest areas designated as MARKED TIMBER or MKD on the map, which means cutting is restricted to the harvest trees marked with yellow paint and any other sold species.

Exhibit B2. Harvest Provisions

Sale Name: Cambridge Pine

- 3.0.9 Harvesting and Skidding are restricted to harvest areas designated as SHELTERWOOD or SHL on the map, which means cutting is restricted to the merchantable trees of sold species and reserving any painted trees.
- 3.0.11 Satisfactory progress must be made in one block before entry into another block is allowed. Sequence of block entry must be approved by the seller.
- 3.0.12 Additional pine may be marked for removal, by the Seller, to facilitate roading and landing or to achieve the desired spacing of reserved trees.
- 3.0.13 In Block 2, Balsam trees of 2-inch diameter and larger, alive or dead, must be felled or run over.
- 3.0.16 Harvest all White and Red pine trees marked with yellow paint.
- 3.0.21 All species listed on this contract must be harvested concurrently and cutting must progress so as to minimize damage to regeneration.
- 3.0.26 If there are unpainted block lines on the sale and blocks are paid for separately, the Purchaser shall inform the Seller at least 5 working days prior to entering an unpainted block to allow the block to be painted.

4. Reserves

- 4.0.2 The Purchaser will be charged for reserve trees damaged in harvest operations (see 4.0.3 for species reserved on this sale), if the damage was deemed avoidable. The charge will be \$50 per tree for white pine and red pine. Damaged trees remain the property of the Seller.
- 4.0.3 Reserve black ash and all unmarked White and Red pine.

5. Operational Periods

5.1. Harvest and Skidding

- 5.1.12 Harvest and Skidding must occur after September 15th of each year. Sale may also be operated under frozen ground conditions.

6. Recreation

6.1. Harvest Activities Near Recreational Trails

- 6.1.2 Nothing will be piled, landed, parked or stored upon the established trail right-of-way.
- 6.1.4 The trail may be used for access. Packed snow must be maintained for snowmobile traffic if operated during the snowmobiling season.
- 6.1.5 Precautionary signs must be posted and maintained by the Purchaser at both ends of any segment of the trail involved in this contract, at least 200 feet on either side of where logging or hauling operations are being conducted. The Seller will supply such signs to the purchaser upon 30 days written request. The signs must be placed so that they are readily visible. Signs must be returned to the Seller at the completion of operations.
- 6.1.7 Slash and other debris must be immediately removed from the recreation trail.

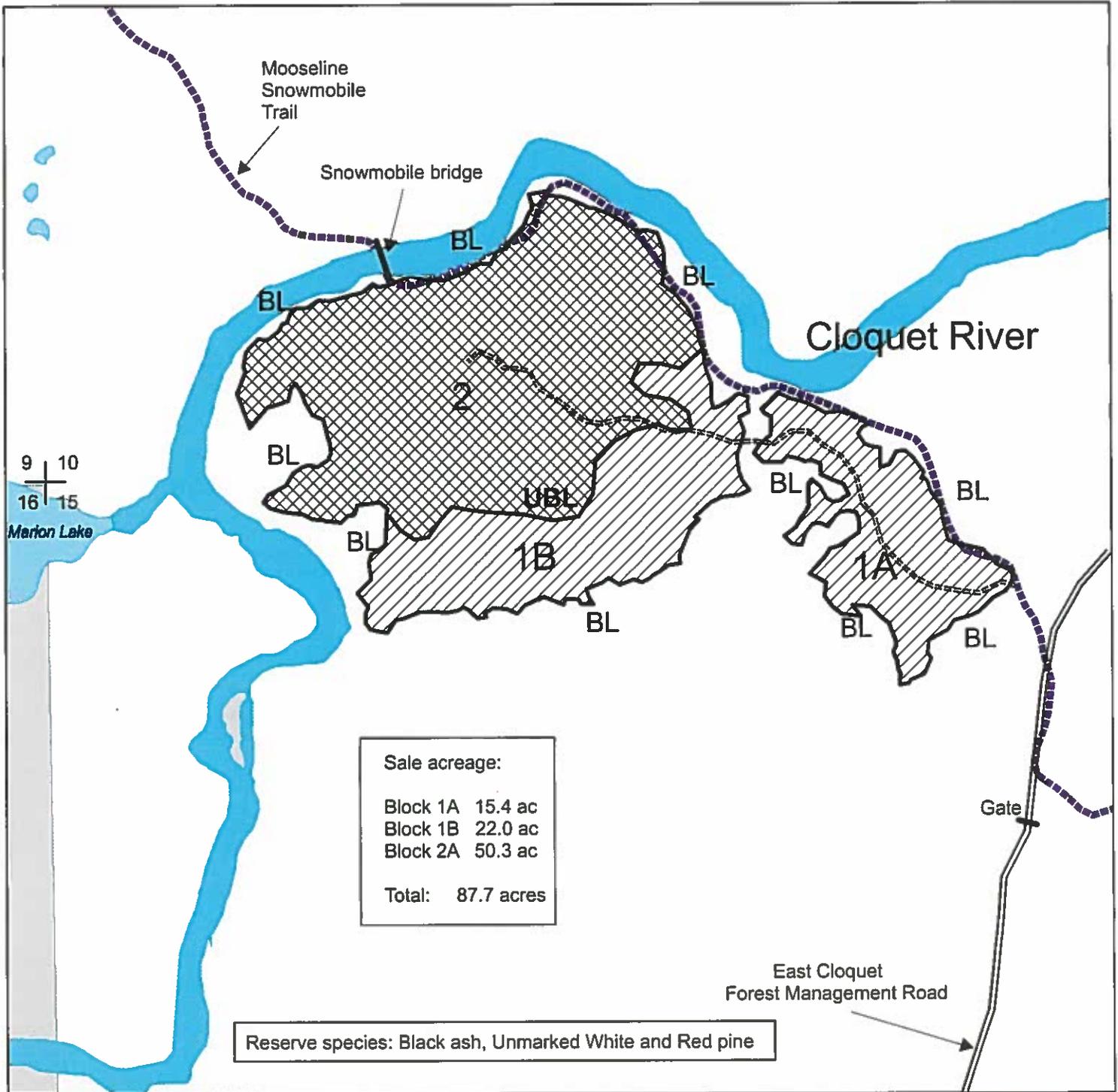
7. Other

Exhibit B2. Harvest Provisions

Sale Name: Cambridge Pine

7.0.2 A minimum of \$1000 of the downpayment will be retained and will be held until satisfactory completion of the contract.

St. Louis County Cambridge Pine Sale



Sale acreage:	
Block 1A	15.4 ac
Block 1B	22.0 ac
Block 2A	50.3 ac
Total:	87.7 acres

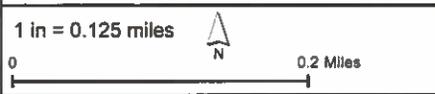
Reserve species: Black ash, Unmarked White and Red pine

Prepared By: Randy Roff

Map Created: 12/9/2016

TRS: sections 10,15 T54N R13W

Disclaimer:
This is a compilation of records as they appear in the Saint Louis County Offices affecting the area shown. This drawing is to be used only for reference purposes and the County is not responsible for any inaccuracies herein contained.



- Clearcut harvest area
- Shelterwood (marked pine) harvest area
- Blue painted sale perimeter BL
- Mooseline Snowmobile Trail
- Planned road access route (painted red)
- Forest Management Road (gravel)
- Section corner
- Unpainted Block Line UBL

