

## Itasca County Timber Appraisal Report

<b>Appraised By:</b> Tony Schram <b>Appraisal Date:</b> 10/23/2018	<b>Sale Type:</b> INTERMEDIATE AUCTION <b>Auction Date:</b> 12/11/2018	<b>Appraisal Number:</b> 18-06-09 <b>Permit Number:</b> <b>Expiration Date:</b> 03/01/2020 <b>Page:</b> 1 of 3
---	---	---

**Legal Description**

RE Code	Sec.	Twp.	Rge.	City/Twp	Subd
65-026-1000	26	57	26	Unorganized	NE 1/4
65-024-3202	24	57	26	Unorganized	E 1/2 OF NW SW LESS HWY 38 ROW
65-024-2301	24	57	26	Unorganized	LOT 6 EXC PRT LYG W OF HWY 38
65-024-3302	24	57	26	Unorganized	SW SW W OF HWY #38
65-023-4000	23	57	26	Unorganized	SE 1/4

Block 1 Species	Volume	Units	Unit Price	Value	Comments	Bolt %	Bid
Spruce	360	Cords	\$17.00	\$6,120.00	5-8", 3-5 st, Good.	15	^
Tamarack	249	Cords	\$5.00	\$1,245.00	5-10", 4-5 st, Good.	30	^
Aspen	125	Cords	\$20.00	\$2,500.00	8-15", 5-7 st, Fair.	15	^
Red Pine	80	Cords	\$10.00	\$800.00	7-12", 5-7 st, Good.	60	#
Ash	70	Cords	\$10.00	\$700.00	6-13", 3-6 st, Fair.	30	#
Paper Birch	35	Cords	\$10.00	\$350.00	8-12", 3-4 st, Fair.	30	#
Basswood	31	Cords	\$8.00	\$248.00	7-16", 3-5 st, Poor.	25	#
Balsam Fir	21	Cords	\$10.00	\$210.00	5-10", 3-5 st, Declining.	20	#
Maple	18	Cords	\$8.00	\$144.00	5-10", 3-4 st, Poor.	0	#
Balm	3	Cords	\$15.00	\$45.00	5-10", 3-5 st, Fair.	0	#
				\$12,362.00	<b>Subtotal</b>		
<b>Total Cords =</b>	992			\$12,362.00	<b>Total</b>		

Bid Symbols: ^ = Bid Species; # = Non-Bid Species; + = Sold Area Estimate; \* = Sold Area Estimate & Non-Bid Species  
 All species woodsrun unless listed otherwise.

**Species Scaled:** Ash , Aspen, Balm , Balsam Fir, Basswood , Maple , Paper Birch , Red Pine, Spruce , Tamarack  
**Species SAE:**

**Operability:** Winter - Frozen Ground: 12/15 - 3/1      **Soil Type:** Warba-Menahga Complex, Greenwood Peat  
**Topography:** Level to rolling      **Cutting Acres:** 69.9

**Harvest Specifications**

Comments
"Ice Road" Re-offer. Lowland black spruce clearcut and aspen/hardwood diameter limit & gap cut. Forty 90-100' gaps are marked with a center tree and four edge trees. Spruce has old blowdown pockets which were accounted for when estimating volume; no further discount will be granted.

## Itasca County Timber Appraisal Report

<b>Appraised By:</b> Tony Schram <b>Appraisal Date:</b> 10/23/2018	<b>Sale Type:</b> INTERMEDIATE AUCTION <b>Auction Date:</b> 12/11/2018	<b>Appraisal Number:</b> 18-06-09 <b>Permit Number:</b> <b>Expiration Date:</b> 03/01/2020 <b>Page:</b> 2 of 3
---	---	---

### Harvest and Reserves

Harvest: In lowland spruce, cut all spruce and tamarack.

Harvest: In hardwoods cut all aspen and balm. Cut over 8" ash, paper birch, and balsam. Cut all species within marked clearcut gaps.

Harvest: In pine thin, operator-select cut pine to 100BA and all aspen & balm.

Reserve: All painted trees, oak, cedar, yellow birch, elm.

Reserve: In spruce reserve all hardwoods and pine. Avoid skidding across old blowdown patches in order to maintain small legacy patches.

Reserve: In hardwoods between gap cuts, reserve ash, paper birch, and balsam under 8"; all basswood and maple.

Reserve all non-hazardous snags.

### Access

Access to main sale block is most convenient through private property; landowner is open to cooperation. If used, access road must be kept in good condition at ALL times.

If accessed through tax forfeit and/or private land from south end of spruce block, snowmobile trail will be used. Regulations in Itasca County Forest Management Guideline & Specifications apply. A minimum of two inches of compacted snow must remain on the trail as a running surface.

Access to red pine sale block must be through private property from County Road 60. Landowner is open to cooperation with opening the required 1/4 mile new swamp road. **NO EQUIPMENT ACCESS DIRECTLY FROM HWY 38 TO PINE BLOCK WILL BE ALLOWED.**

It is the permit holder's responsibility to obtain approval from all affected landowners before gaining access to the permit area. The permit holder shall pay all access fees and road charges.

### Landings and Access Roads

Location and construction of roads/landings must be pre-approved by the sale administrator.

Reserve all non-merchantable timber within 15ft of all roads.

Berm(s) may be required after sale is completed.

### Cutting, Felling, and Skidding

Do not damage reserve trees, including trees painted with "R".

Do not fell timber into wetlands or across sale/ownership boundaries.

Do not disturb survey markers, including witness trees.

Sale boundaries painted with orange lines / ownership boundaries with orange circles in lowland blocks.

Sale boundaries painted with blue lines / ownership boundaries with blue circles in upland blocks.

### Site, Soil, and Water Protection

Filter strips require <5% soil disturbance within 50' of all wetlands.

### Slash Disposal

Slash must be evenly distributed throughout permit area.

Slash height must not exceed 3 ft. within view of road.

### Permits Required

MN-DOT permit may be required to cut pine within ROW of State Hwy 38, and is being applied for by the Land Department.

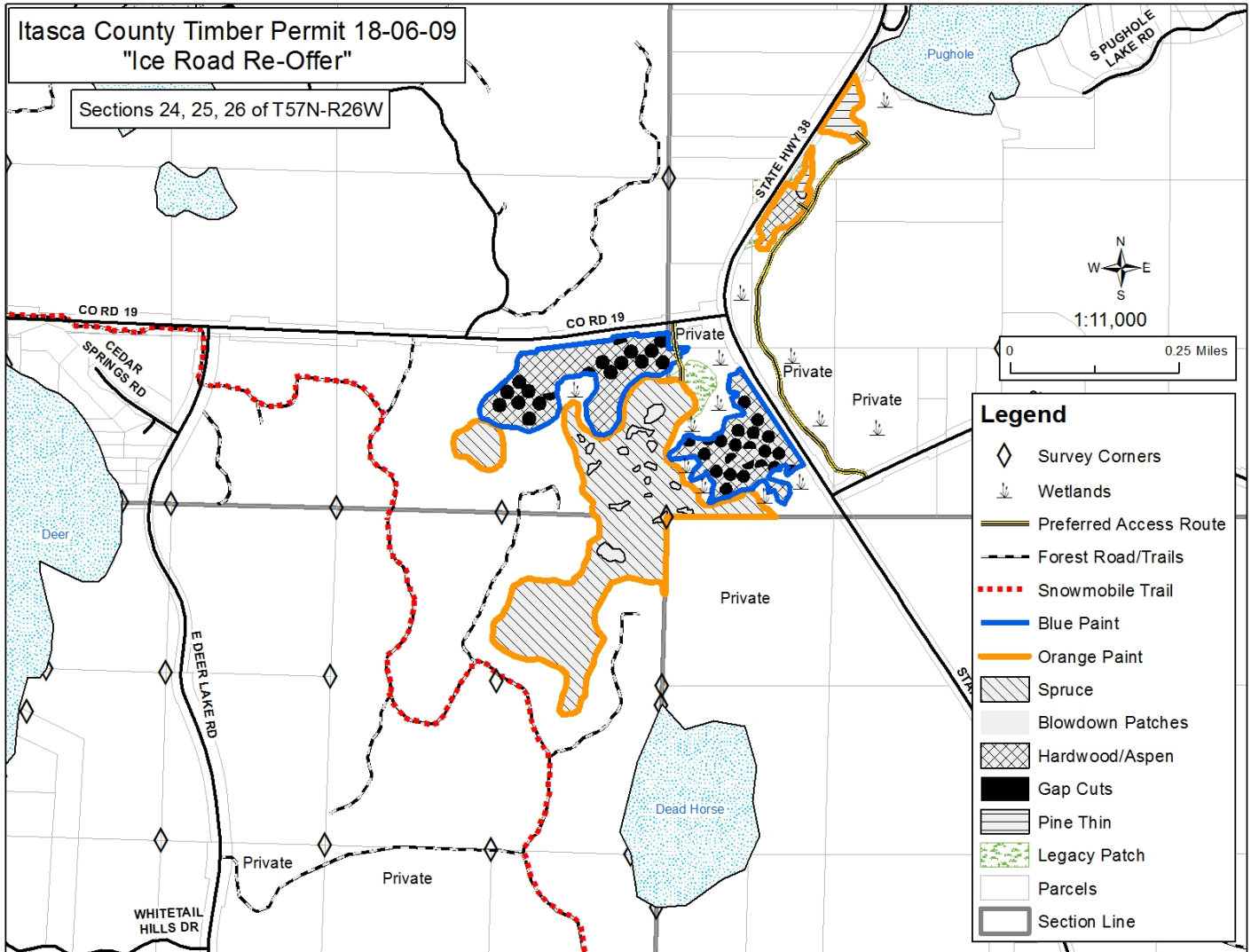
### Regeneration Plan

Natural Regeneration hardwoods/aspen. Artificial spruce aerial seeding.

# Itasca County Timber Appraisal Report

<b>Appraised By:</b> Tony Schram	<b>Sale Type:</b> INTERMEDIATE AUCTION	<b>Appraisal Number:</b> 18-06-09
<b>Appraisal Date:</b> 10/23/2018	<b>Auction Date:</b> 12/11/2018	<b>Permit Number:</b>
		<b>Expiration Date:</b> 03/01/2020
		<b>Page:</b> 3 of 3

**Site Map:**



Appraisal examined and approved by \_\_\_\_\_ Forester \_\_\_\_\_ Date \_\_\_\_\_