

Itasca County Timber Appraisal Report

Appraised By: Nick Schreiber Appraisal Date: 10/05/2022	Sale Type: INTERMEDIATE AUCTION Auction Date: 12/08/2022	Appraisal Number: 22-03-20 Permit Number: Expiration Date: 03/01/2026 Page: 1 of 3
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Legal Description

RE Code	Sec.	Twp.	Rge.	City/Twp	Subd
60-015-3200	15	60	25	Unorganized	NW SW
60-015-3100	15	60	25	Unorganized	NE SW

Block 1 Species	Volume	Units	Unit Price	Value	Comments	Bolt %	Bid
Red Pine	267	Cords	\$12.00	\$3,204.00	7-10" DBH, 3-5 sticks, good quality	35	^
Jack Pine	128	Cords	\$12.00	\$1,536.00	6-10" DBH, 3-6 sticks, fair quality	20	^
Aspen	31	Cords	\$20.00	\$620.00	7-10" DBH, 3-5 sticks, good quality	20	#
Balsam Fir	51	Cords	\$6.00	\$306.00	6-10" DBH, 3-6 sticks, good quality	25	#
Paper Birch	9	Cords	\$7.00	\$63.00	5-9" DBH, 2-4 sticks, fair quality	10	#
Tamarack	1	Cords	\$5.00	\$5.00		0	#
Balm	1	Cords	\$15.00	\$15.00		0	#
Spruce	5	Cords	\$8.00	\$40.00	6-10" DBH, 3-5 sticks, good quality	15	#
				\$5,789.00	Subtotal		
Total Cords =	493	Total MBF: 0		\$5,789.00	Total		

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

Species Scaled: Aspen, Balm , Balsam Fir, Jack Pine, Paper Birch , Red Pine, Spruce , Tamarack
Species SAE:

Operability: Dry Summer (Northern Blocks; Southern Block Questionable): 7/1 - 10/1, Frozen Ground : 12/1 - 3/1
Soil Type: Menahga and Graycalm
Topography: Level to rolling
Cutting Acres: 24.3

All permits must follow Itasca County Forest Management Guidelines and Specifications (can be found at <http://www.co.itasca.mn.us/DocumentCenter/View/567/Forest-Management-Guidelines-and-Specifications>).

Harvest Specifications

Comments
Harvest Type: 1st time red pine thin operator select (22 acres); fir clearcut with reserves (1 acre); jack pine clearcut with reserves (1 acre).

Harvest and Reserves
Reserve all non-hazardous snags, den trees, trees painted with an orange "R", basswood, maple, oak, elm, ash, and white pine.

Access
Adjacent to Sugar Bush Trail. Forest access road on state land west of sale can be used for hauling. State land must be crossed to access timber sale. Easement road (Sugar Bush Trail) must be used to access the timber sale. Access road must be kept in good condition, as determined by administering forester, at all times. This road may require grading upon completion of permit.

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Landings and Access Roads

Location and construction of any new roads/landings must be pre-approved by the sale administrator. No landings within 40 feet of Sugar Bush Trail.

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

Timber sale administrator shall be notified at least 3 working days prior to completion of hauling and road work. This provides adequate time for permit area inspection and addressing of permit compliance requirements before hauling and road work equipment is removed.

Trails and landings need to be rehabilitated to a satisfactory condition, determined by administering forester, before performance bond is returned.

Cutting, Felling, and Skidding

Timber must be processed at the stump.

Do not fell timber into wetlands or across sale boundaries.

Red pine stand, cut 12 foot access strips reserving 40 feet in between strips for thinning. Thin stand down to an average of 90 basal area. Remove all overtopping aspen, paper birch, fir, balm of Gilead, tamarack, and jack pine within 10 feet of any spruce or red pine before cutting any spruce or red pine. Favor the removal of smaller diameter, poor quality, and damaged trees.

Property boundaries are painted with 3 orange circles. Harvest boundaries are painted with 3 or 1 orange dash. Rest are natural boundaries.

Site, Soil, and Water Protection

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

Slash Disposal

Slash must be evenly distributed throughout permit area.

A 10 foot wide slash free zone must be maintained along roads and trails.

Special Conditions

Logging season may be restricted to August through February during high bark beetle risk. All cut pine must be hauled within 3 weeks during June through August.

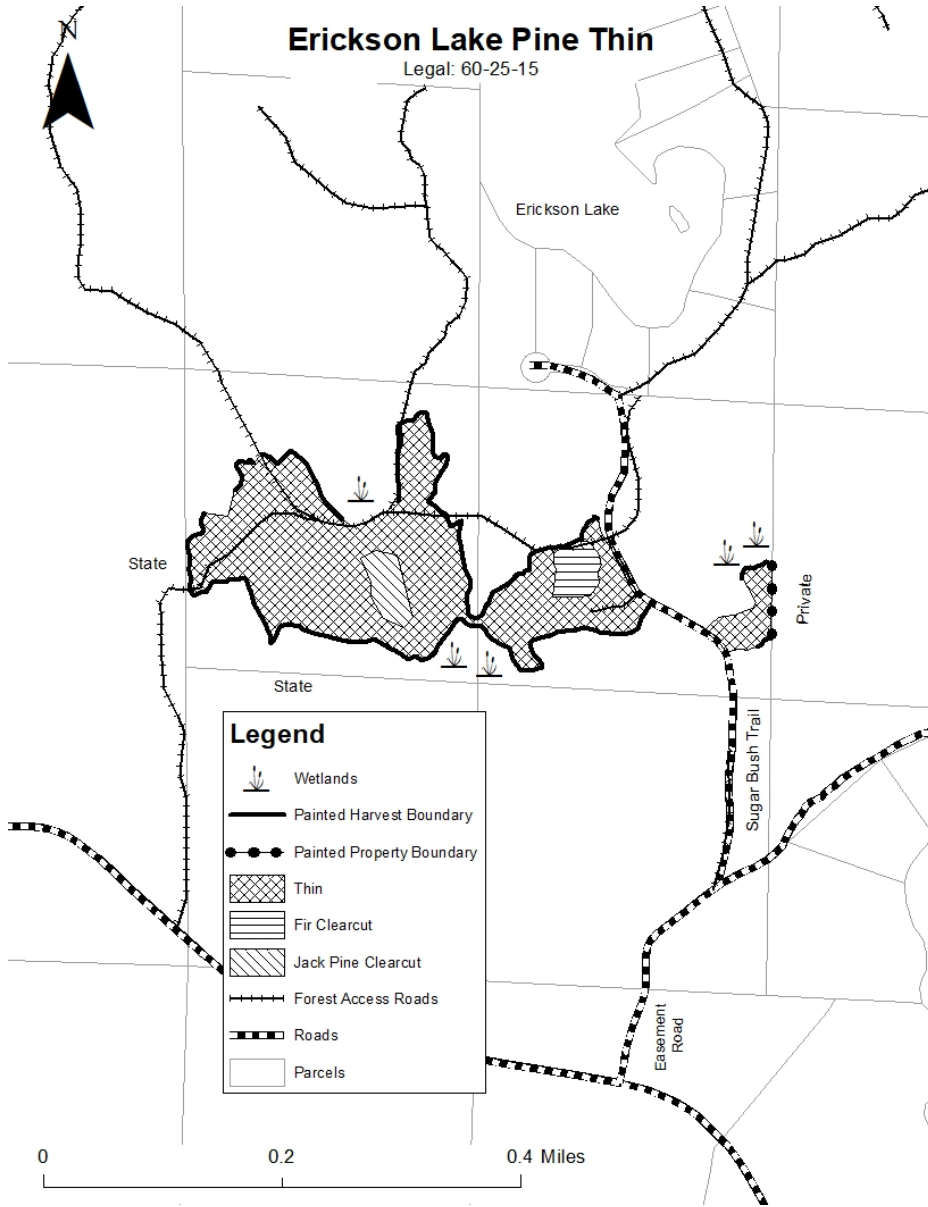
Regeneration Plan

In the red pine stand, due to nature of managed species and type of harvest little to no tree regeneration is expected to occur after harvest. In the balsam fir and jack pine stands, regeneration will be achieved by natural regeneration by both aspen coppice and by seed from nearby stands.

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		Page: 3 of 3

Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date