

Itasca County Timber Appraisal Report

Appraised By: Nick Schreiber Appraisal Date: 09/21/2022	Sale Type: INTERMEDIATE AUCTION Auction Date: 12/08/2022	Appraisal Number: 22-03-19 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		
55-026-1000	26	59	24	Unorganized	NE 1/4		
55-026-3000	26	59	24	Unorganized	SW 1/4		
55-035-2000	35	59	24	Unorganized	NW 1/4		
Block 1 Species	Volume	Units	Unit Price	Value	Comments	Bolt %	Bid
Red Pine	239	Cords	\$14.00	\$3,346.00	7-10" DBH, 3-5 sticks, good quality	40	^
Spruce	158	Cords	\$8.00	\$1,264.00	6-10" DBH, 2-5 sticks, good quality	20	^
Aspen	32	Cords	\$20.00	\$640.00	6-10" DBH, 3-5 sticks, good quality	25	#
Balm	13	Cords	\$13.00	\$169.00	6-9" DBH, 2-4 sticks, fair quality	0	#
Balsam Fir	3	Cords	\$6.00	\$18.00	6-9" DBH, 2-5 sticks, good quality	20	#
Paper Birch	2	Cords	\$9.00	\$18.00	6-10" DBH, 2-5 sticks, good quality	30	#
				\$5,455.00	Subtotal		
Total Cords =	447	Total MBF: 0		\$5,455.00	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, Paper Birch , Red Pine, Spruce

Species SAE:

Operability: Dry Summer: 7/1 - 10/1	Soil Type: 620B Cutaway loamy sand
Topography: Level	Cutting Acres: 35.7

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: 2nd time red pine thin (11 acres); 1st time white spruce thin (25 acres). Both operator select.

Harvest and Reserves
Reserve all non-hazardous snags, den trees, red maple, elm, oak, ash, and white pine.

Access
State land must be crossed to access timber sale. Logger must obtain permits/permission from state. 1.2 miles to white spruce from Scenic Highway 7. 1.8 miles to red pine from Scenic Highway 7.

Landings and Access Roads
Location and construction of any new roads/landings must be pre-approved by the sale administrator. Trails and landings need to be rehabilitated to a satisfactory condition, determined by administering forester, before performance bond is returned. 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.

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Cutting, Felling, and Skidding

Timber must be processed at the stump.

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. Cut overtopping aspen, paper birch, balm of Gilead, and fir within 10 feet of any pine or spruce. Favor the removal of smaller diameter, poor quality, and damaged trees.

White spruce stand, thin stand down to an average of 90 basal area. Cut overtopping aspen, paper birch, balm of Gilead, and fir within 10 feet of any pine or spruce. Favor the removal of white spruce over red pine as well as smaller diameter, poor quality, and damaged trees.

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

Do not disturb survey markers, including witness trees.

Site, Soil, and Water Protection

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

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

Slash Disposal

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

Slash must be evenly distributed throughout permit area.

Slash must be evenly distributed throughout permit area.

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.

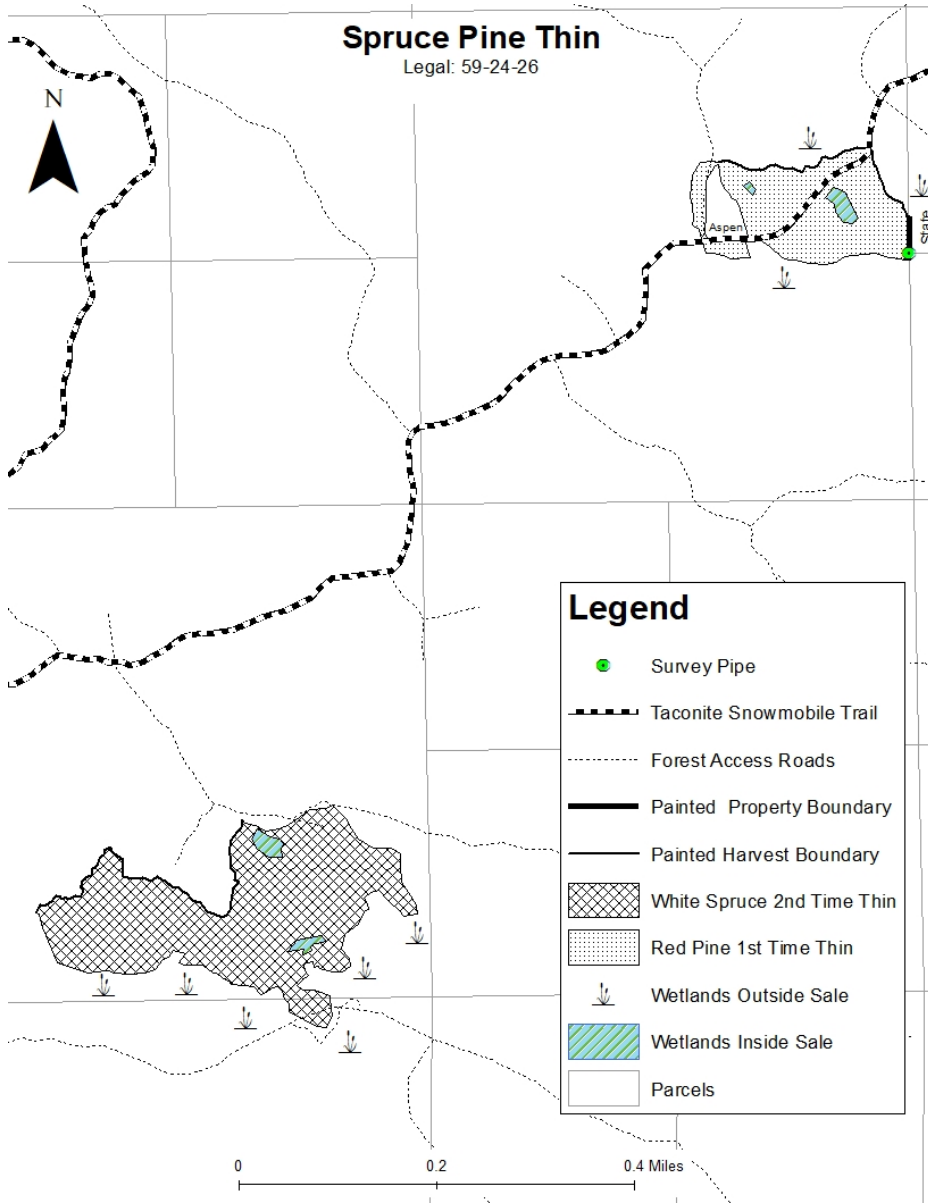
Regeneration Plan

Due to nature of managed species and type of harvest little to no tree regeneration is expected to occur after harvest.

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Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date