

Itasca County Timber Appraisal Report

Appraised By: Nick Schreiber Appraisal Date: 04/21/2023	Sale Type: REGULAR AUCTION SALE Auction Date: 12/14/2023	Appraisal Number: 23-03-19 Permit Number: Expiration Date: 03/01/2027 Page: 1 of 3
--	---	---

Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge.</u>	<u>City/Twp</u>	<u>Subd</u>
55-003-1200	3	59	24	Unorganized	LOT 2
56-034-3300	34	60	24	Unorganized	SW SW
55-003-2100	3	59	24	Unorganized	LOT 3
56-034-3400	34	60	24	Unorganized	SE SW
55-003-1400	3	59	24	Unorganized	SE NE
55-003-1100	3	59	24	Unorganized	LOT 1

<u>Block 1 Species</u>	<u>Volume</u>	<u>Units</u>	<u>Unit Price</u>	<u>Value</u>	<u>Comments</u>	<u>Bolt %</u>	<u>Bid</u>
Red Pine	1,241	Cords	\$20.00	\$24,820.00	7-12" DBH, 3-7 sticks, good quality	65	^
Spruce	215	Cords	\$10.00	\$2,150.00	8-11" DBH, 3-5 sticks, good quality	40	^
Jack Pine	30	Cords	\$21.00	\$630.00	9-11" DBH, 5-7 sticks, good quality	65	#
Aspen	26	Cords	\$21.00	\$546.00	6-9" DBH, 3-5 sticks, fair quality	20	#
Balsam Fir	10	Cords	\$9.00	\$90.00	7-10" DBH, 3-6 sticks, good quality	50	#
Paper Birch	6	Cords	\$9.00	\$54.00	6-9" DBH, 2-4 sticks, fair quality	25	#
				\$28,290.00	Subtotal		
Total Cords =	1,528	Total MBF: 0		\$28,290.00	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, Balsam Fir, Jack Pine, Paper Birch, Red Pine, Spruce
Species SAE:

Operability: Dry Summer: 7/1 - 10/1, Frozen Ground: 12/1 - 3/1 **Soil Type:** 620B Cutaway loamy sand
Topography: Level to rolling **Cutting Acres:** 84.5

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

Harvest Guidelines
Harvest Type: 2nd time red pine thin operator select (45 acres) and 1st time red pine thin operator select (25 acres).
Harvest Type: 2nd time white spruce thin operator select (3 acres) and 1st time white spruce thin operator select (11 acres).

Reserve Guidelines
Reserve all non-hazardous snags, den trees, cavity trees, orange painted "R" reserve trees, oak, maple, and white pine. Additionally, reserve all red pine in white spruce stands unless painted with a blue "C".

Itasca County Timber Appraisal Report

Appraised By: Nick Schreiber Appraisal Date: 04/21/2023	Sale Type: REGULAR AUCTION SALE Auction Date: 12/14/2023	Appraisal Number: 23-03-19 Permit Number: Expiration Date: 03/01/2027 Page: 2 of 3
--	---	---

Cutting, Felling, and Skidding

Timber must be processed at the stump.

Do not fell timber into wetlands or across sale boundaries.

Harvest boundaries painted with 3 or 1 orange dash, property boundaries painted with 3 orange circles or an orange dash, and prescription boundaries painted with 4 blue dashes. Rest are natural boundaries.

1ST TIME THIN RED PINE STANDS, cut 12 foot access strips reserving 40 feet in between strips for thinning. In the eastern stand, thin down to an average of 90 basal area. In the western stand, thin down to an average of 100 basal area. For this stand and all subsequent stands, favor the removal of overtopping aspen, jack pine, fir, and paper birch within 10 feet of any healthy red pine/spruce as well as smaller diameter, poor quality, and damaged trees.

2ND TIME THIN RED PINE STANDS, thin down to an average of 90 basal area.

1ST TIME THIN WHITE SPRUCE STAND, cut 12 foot access strips reserving 40 feet in between strips for thinning. Thin down to an average of 90 basal area.

2ND TIME THIN WHITE SPRUCE STANDS, thin down to an average of 80 basal area. In the western stand, cut red pine with blue "C"s painted on them.

Do not disturb survey markers, including witness trees.

Access

Easement road must be used to access the timber sale. Access road must be kept in good condition, as determined by administering forester, at all times.

Sale adjacent to County Road 310.

Snowmobile trail regulations in Itasca County Forest Management Guideline and Specifications apply. A minimum of two inches of compacted snow must remain on the trail as a running surface.

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.

Landings must be kept back at least 100 feet from County Road 310.

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.

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.

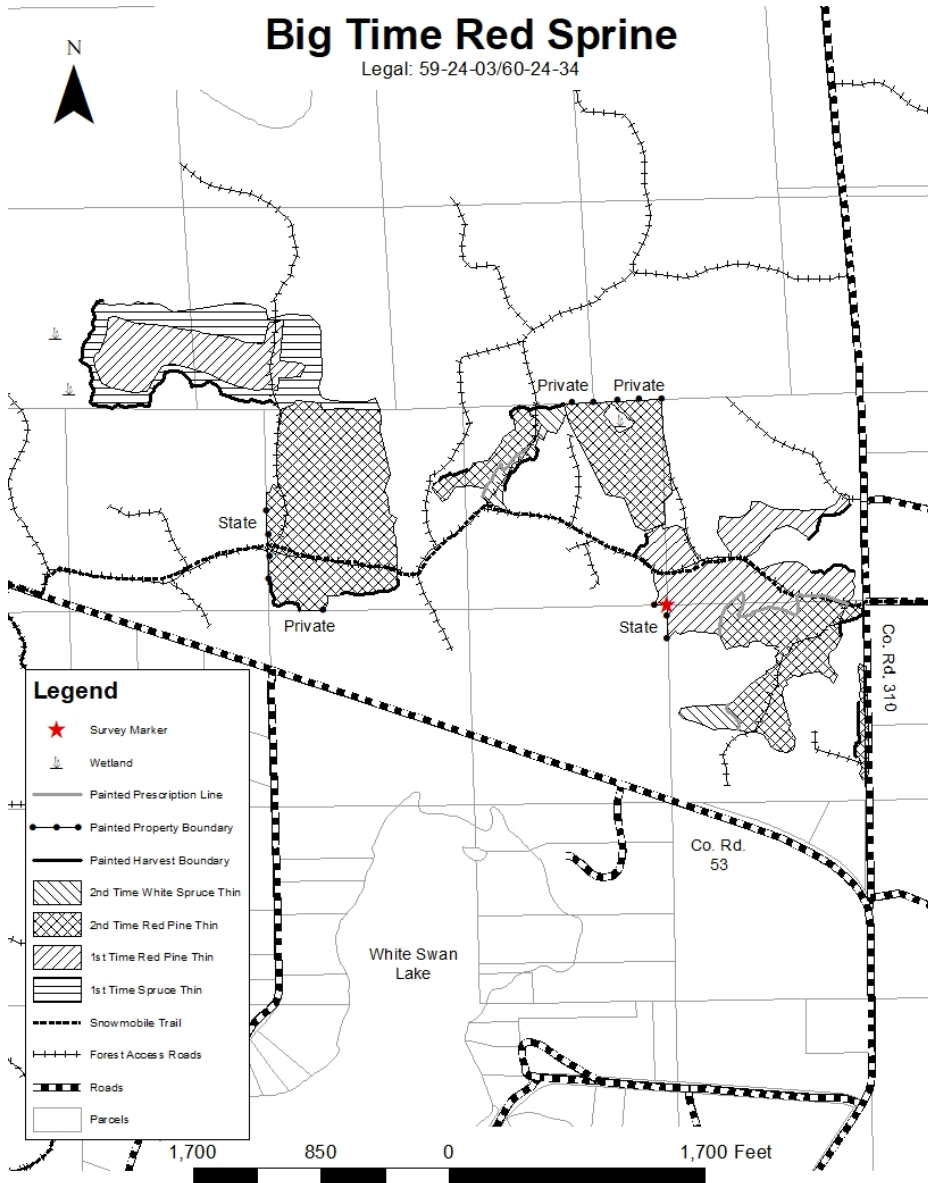
Regeneration Plan

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

Itasca County Timber Appraisal Report

Appraised By: Nick Schreiber Appraisal Date: 04/21/2023	Sale Type: REGULAR AUCTION SALE Auction Date: 12/14/2023	Appraisal Number: 23-03-19 Permit Number: Expiration Date: 03/01/2027 Page: 3 of 3
--	---	---

Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date