

Itasca County Timber Appraisal Report

Appraised By: Casey Dabrowski Appraisal Date: 03/30/2020	Sale Type: SEALED BID-REGULAR Auction Date: 06/12/2020	Appraisal Number: 20-02-03 Permit Number: Expiration Date: 03/01/2023 Page: 1 of 3
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Legal Description

<u>RE Code</u>	<u>Sec.</u>	<u>Twp.</u>	<u>Rge.</u>	<u>City/Twp</u>	<u>Subd</u>
10-119-3100	19	62	23	Carpenter	NE SW
10-119-3400	19	62	23	Carpenter	SE SW
10-119-4200	19	62	23	Carpenter	NW SE
10-119-4300	19	62	23	Carpenter	SW SE

<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>
Aspen	1,415	Cords	\$26.00	\$36,790.00	5-16", 3-7 st, Good.	5	^
Paper Birch	513	Cords	\$8.00	\$4,104.00	7-12", 3-5 st, Fair.	5	^
Red Pine	355	Cords	\$27.00	\$9,585.00	5-19", 2-9 st, Good. 25% saw. 1/2 mature CC, 1/2 1st thin.	35	^
Balsam Fir	101	Cords	\$13.00	\$1,313.00	5-10", 2-5 st, Fair.	25	^
Jack Pine	39	Cords	\$18.00	\$702.00	8-13", 4-7 st, Fair.	40	#
Spruce	11	Cords	\$17.00	\$187.00	8-12", 4-5 st, Fair.	55	#
Maple	9	Cords	\$8.00	\$72.00	Poor.	0	#

\$52,753.00 **Subtotal**

Total Cords = 2,443 **Total MBF: 0** \$52,753.00 **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, Maple , Paper Birch , Red Pine, Spruce

Species SAE:

Operability: Summer - Dry Ground: 7/1 - 10/1, Winter - Frozen Ground: 12/1 - 3/1	Soil Type: Nashwauk-Menahga Complex, Menahga loamy sand, Menahga-Graycalm Complex
Topography: Level to steep	Cutting Acres: 73.3

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

<u>Comments</u>
Harvest type: 39 ac aspen CC, 21 ac aspen CC with significant marked reserves, 8 ac 1st time operator select pine thin, 6 ac STEEP operator select overstory removal pine thin.

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Harvest and Reserves

Harvest: In block 1, cut all non-reserved timber, including aspen, birch, balsam, maple, and red pine.

Reserve: In block 1, reserve maple and balsam regen, all oak, basswood, and trees painted with orange "R".

Harvest: In block 2, cut 12ft. access strips reserving 40 ft. in between strips for thinning. Thin stand down to an average of 90 basal area. Favor the removal of smaller diameter, poor quality, and damaged trees. Cut all mature red pine.

Reserve: In block 2, reserve hardwoods not overtopping pine and large, mature pine where there is not a felling lane.

Harvest: In block 3, cut red and white pine with orange spiral slashes (/ /), all aspen, birch, balsam, jack pine, maple, and spruce. A few pine were observed with embedded metal and have arrows (↑ ↑) painted on all sides; cut these high and leave damaged section as a snag.

Reserve: In block 3, reserve unmarked red and white pine, trees painted with orange "R".

Harvest: In block 4, cut 12' access strips reserving 30-40' between strips for thinning. Cut red pine over 15" and all aspen, birch, balsam, and jack pine. Thin remaining smaller red pine to 100 BA.

Reserve: In block 4, reserve 100 BA of red pine under 15", spruce, and white pine.

Reserve all non-hazardous snags.

Access

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

If harvested during snowmobile season, snowmobile trail regulations in Itasca County Forest Management Guideline & Specifications apply to affected trail segments. A minimum of two inches of compacted snow must remain on the trail as a running surface.

0-0.5 miles to public road Rollercoaster Forest Road, which is kept plowed along with driveway.

Landings and Access Roads

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

Landings must be kept back at least 100' from Rollercoaster Road, except to process timber from narrow strip south of road. Operation in this area must be coordinated with the Side Lake DNR office and the Land Department to control traffic.

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.

Cutting, Felling, and Skidding

Timber must be processed at the stump within pine thin blocks.

Do not damage reserved trees.

Do not fell timber into wetlands or across sale boundaries.

A steep slope occurs on this permit, which may require special considerations. Limited wetland crossings at bottom of slope will be permitted if site is dry enough to support equipment.

Do not disturb survey markers, including witness trees.

Sale harvest boundaries painted with orange lines (I I I). Ownership boundaries painted with orange circles (O O O). The boundary between hilly pine thin and aspen CC is blue lines facing the thin with a blue dot facing the CC (I I I ●). Natural boundaries are also used; refer to sale map.

Site, Soil, and Water Protection

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

Roads and skid trails must be stabilized. This may involve installing water bars, strike outs, and/or mulching and seeding.

Slash Disposal

Slash must be evenly distributed throughout permit area.

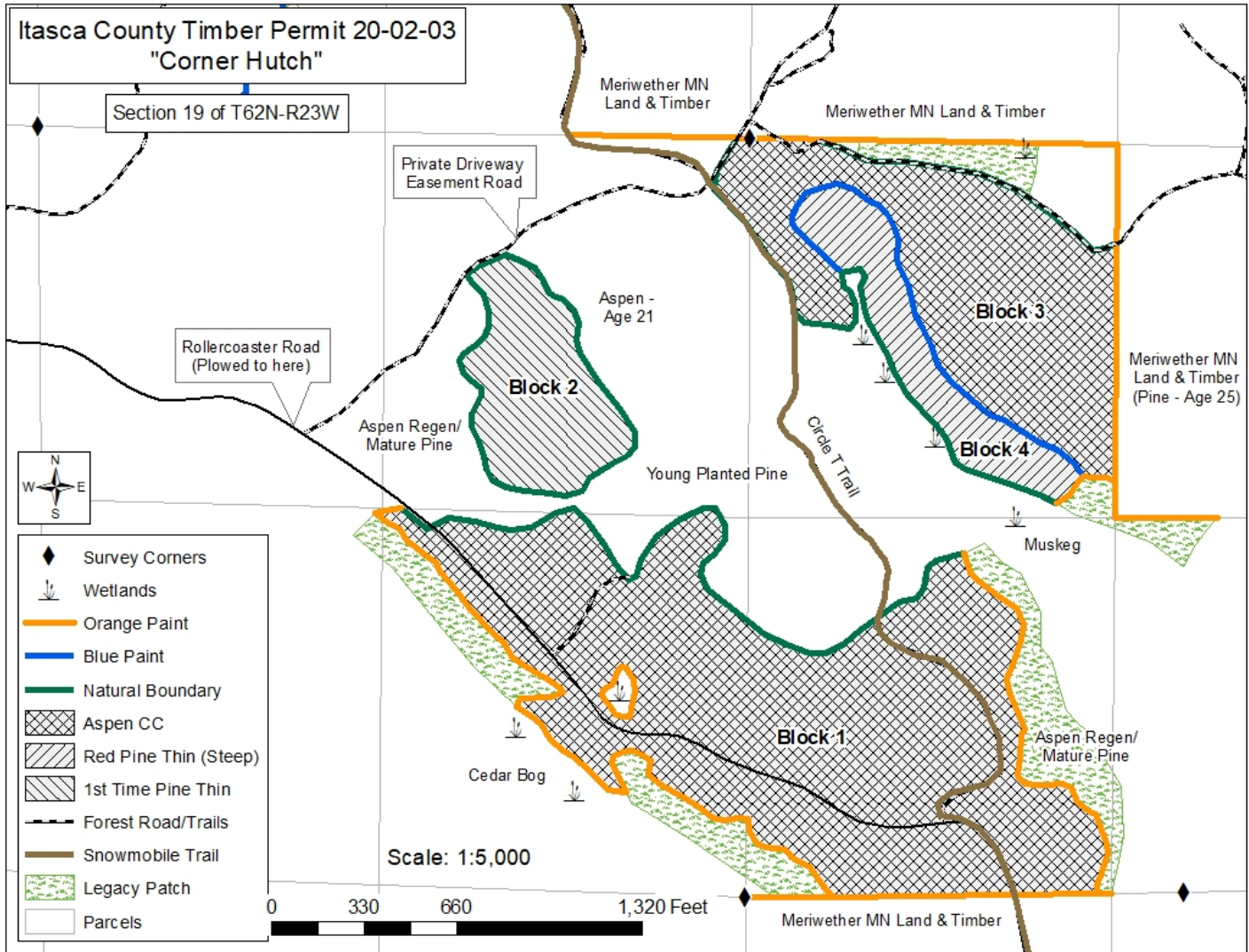
Regeneration Plan

Natural regeneration to aspen, mixed hardwoods, and mixed conifer.

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Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date