

Itasca County Timber Appraisal Report

Appraised By: Casey Dabrowski Appraisal Date: 04/07/2020	Sale Type: SEALED BID-REGULAR Auction Date: 06/12/2020	Appraisal Number: 20-02-06 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>
10-134-3200	34	62	23	Carpenter	NW SW
10-134-3400	34	62	23	Carpenter	SE SW
10-134-3300	34	62	23	Carpenter	SW SW

<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	711	Cords	\$24.00	\$17,064.00	7-16", 5-8 st, Good.	15	^
Spruce	234	Cords	\$12.00	\$2,808.00	5-13", 2-5 st, Fair. White.	15	^
Balsam Fir	127	Cords	\$14.00	\$1,778.00	5-12", 2-5 st, Fair.	20	^
Balm	17	Cords	\$16.00	\$272.00	5-8", 3-4 st, Fair.	0	#
White Pine	15	Cords	\$10.00	\$150.00	7-10", 2-4 st, Poor.	10	#
Maple	10	Cords	\$7.00	\$70.00	7-13", 3-5 st, Poor.	0	#
Tamarack	10	Cords	\$6.00	\$60.00	6-11", 3-4 st, Fair.	15	#
Ash	8	Cords	\$7.00	\$56.00	7-14", 3-5 st, Poor.	0	#
Paper Birch	2	Cords	\$7.00	\$14.00	8-10", 3-5 st, Poor.	0	#

\$22,272.00 **Subtotal**

Total Cords = 1,134 **Total MBF: 0** \$22,272.00 **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: Ash , Aspen, Balm , Balsam Fir, Maple , Paper Birch , Spruce , Tamarack , White Pine

Species SAE:

Operability: Winter - Frozen Ground: 12/1 - 3/1, Summer - Dry Ground: 8/1 - 10/1	Soil Type: Zimmerman loamy fine sand, Bearville loamy sand, Indus and Brickton clay
Topography: Level to rolling	Cutting Acres: 46.8

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: Aspen clearcut (winter, 21 ac), 2nd time white spruce plantation thin (dry summer chance, 16.9 ac), 1st time white spruce plantation thin (winter, 8.9 ac). Timber cut from within the MN DOT right-of-way shown on map is owned by the MN DOT and will be subject to sale administration by the Side Lake DNR office. Right-of-way removal volumes will be calculated proportionally based on total scaled sale volume and will not require separate cutting, piling, or hauling.

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Harvest and Reserves

Harvest: in block 1 (aspen), cut all non-reserved timber.
 Reserve: in block 1 (aspen), reserve timber <5" within 25' of highway timberline and all basswood, yellow birch, and cedar. Do not cut lowland tamarack or ash beyond aspen edge.
 Harvest: in block 2 (1st time thin), cut 12 ft. 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.
 Harvest: in block 3 (2nd time thin), use existing access strips to thin stand down to an average of 90 basal area. Favor the removal of smaller diameter, poor quality, and damaged trees.
 Reserve all non-hazardous snags.
 Trees marked with "R" are to be reserved for wildlife.

Access

Molpus road must be used to access the timber sale. Access road must be kept in good condition at all times.
 It is the permit holder's responsibility to obtain approval from all affected landowners and/or management agencies before gaining access to the permit area. The permit holder shall pay all access fees and road charges.
 <0.5 miles to public road State Hwy 1.
 DOT permit may be required to access timber sale off State HWY.

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.
 Aspen landing along Highway 1 must be constructed back at least 100' from edge of timber.
 Berm must be installed on highway aspen access after sale is completed.

Cutting, Felling, and Skidding

Timber must be processed at the stump within spruce thin blocks.
 Do not fell timber into wetlands or across sale boundaries.
 Do not disturb survey markers, including witness trees, which have been painted orange.
 Sale boundaries painted with orange lines (I I I); ownership boundaries painted with orange circles (O O O). Natural boundaries are also used; refer to sale map.

Site, Soil, and Water Protection

Can cross low brush to access aspen islands in 1 location per island. All slash must be removed upon sale completion.
 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.

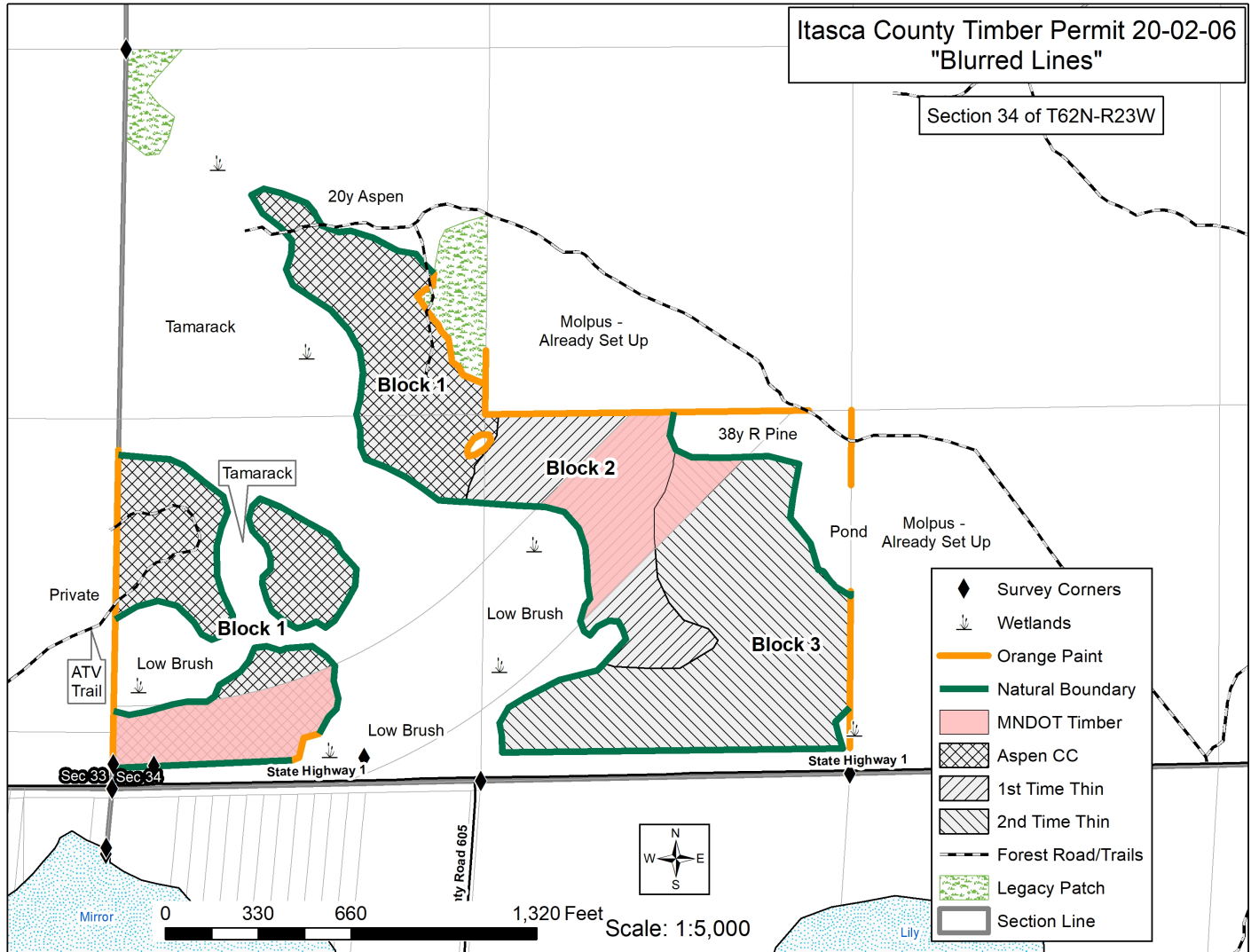
Regeneration Plan

Natural regeneration to aspen.

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Site Map:



Appraisal examined and approved by _____
Forester Date

Appraisal examined and approved by _____
Land Department Date