

Itasca County Timber Appraisal Report

Appraised By: Jesse Lehner Appraisal Date: 02/12/2018	Sale Type: REGULAR AUCTION SALE Auction Date: 12/11/2018	Appraisal Number: 18-07-04 Permit Number: Expiration Date: 03/01/2021 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>		
12-004-1200	4	54	23	Feeley	LOT 2		
50-033-3400	33	55	23	Unorganized	SE SW		
50-033-4300	33	55	23	Unorganized	SW SE		
50-033-4100	33	55	23	Unorganized	NE 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>
Ash	275	Cords	\$7.00	\$1,925.00	4 stick, 9" Dbh, Fair quality	10	^
Spruce	121	Cords	\$10.00	\$1,210.00	86% W. Spruce, 14% B. Spruce, 3 stick, 8" Dbh, Good quality	25	^
Basswood	92	Cords	\$8.00	\$736.00	5 stick, 11" Dbh, Good quality	45	^
Aspen	79	Cords	\$16.00	\$1,264.00	5 stick, 9" Dbh, Fair quality	10	^
Tamarack	73	Cords	\$4.00	\$292.00			^
Balsam Fir	16	Cords	\$10.00	\$160.00			#
Balm	8	Cords	\$10.00	\$80.00			#
Paper Birch	5	Cords	\$6.00	\$30.00			#
Biomass (ton)	0	Tons	\$1.00	\$0.00			#
				\$5,697.00	Subtotal		
Total Cords =	669			Total MBF: 0	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, Basswood , Biomass (ton), Paper Birch , Spruce , Tamarack

Species SAE:

Operability: Winter frozen only: 12/1 - 3/1	Soil Type: Baudette silt loam
Topography: Flat	Cutting Acres: 45.9

Harvest Specifications

Comments
Harvest Types: Operator select spruce thin, Low hardwood operator select thin, Clear-cut w/reserves, and Low hardwood gap clear-cut. REOFFER

Harvest and Reserves
White spruce thin: Clear-cut 12 ft. wide strips every 40 ft. and thin in between each strip. Target a residual basal area of 90 sq. ft. Thin from below , favoring the removal of poor form individuals. Gap Clear-cuts: Harvest all stems within 1/2 acres (166.5 ft diameter) of orange ringed center trees. Skid trail between gaps should not exceed 12 ft. in width. Unmarked selection thinning: Reduce standing basal area to a target of no less than 60 sq. ft. Focus on the removal of ash species first. Aspen/Lowland conifer clear-cuts: Harvest all merchantable stems, except for reserve species. Reserve all oak, birch, and pine species. In addition, reserve snags and cavity trees. Within hardwood thin, reserve advanced regeneration of non-ash species.

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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 before performance bond is returned.
 Culvert(s) may be needed on access road(s).
 Berm(s) must be installed when hauling and road work is complete. District Forester will determine material, size, and location.

Cutting, Felling, and Skidding

Utilize all merchantable timber felled during road/trail construction.
 Timber must be processed at the stump.
 Minimize damage to reserve species.
 Stump height of all felled timber shall not exceed 3/4 the diameter of the tree.
 Do not damage unmarked trees / regeneration / reserve trees.

Site, Soil, and Water Protection

Temporary water/wetland crossing needed on one or more locations. Remove crossing when harvesting activity is completed.
 If site/soil damage becomes apparent, alter or cease operations and contact sale administrator immediately.
 Roads and skid trails must be stabilized. This may involve slashing, installing water bar, strikeouts, and / or mulching and seeding.

Slash Disposal

Slash must be scattered throughout permit area.
 If chipping, 20% of tops and limbs must be scattered throughout the permit area per Site Level Forest Management Guideline. The 20% is in addition to incidental breakage.

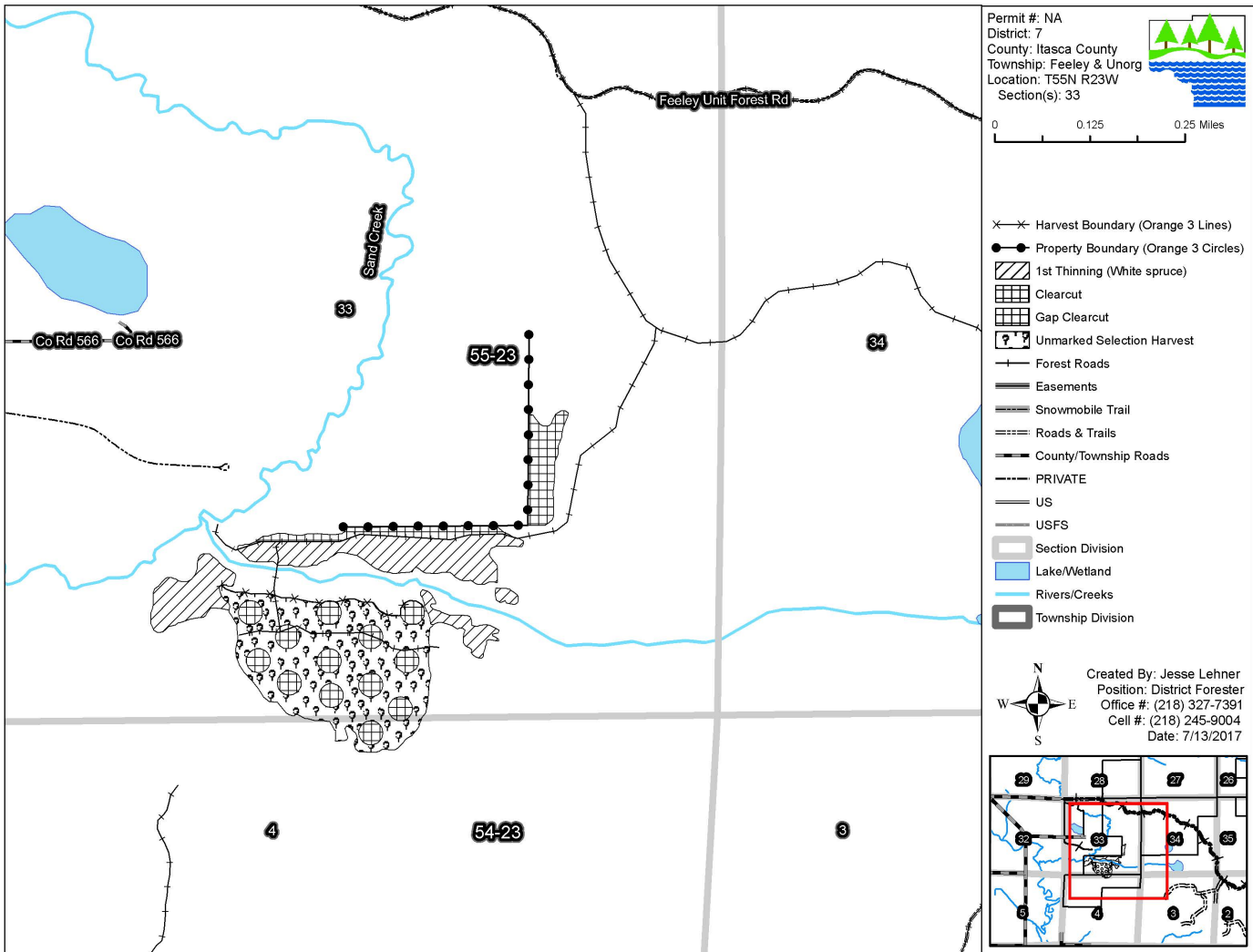
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Site Map:



Appraisal examined and approved by _____

Forester

Date