

Timber Appraisal Report



Permit Holder	Sale Type	RAN 245	Permit Number
	Permit Date	Permit End Date 05/31/2018	



The resource management of the Minnesota DNR's state forests and wildlife management areas meets the objectives of the SFI ® program (Certificate No. 6Y921-S1) and the principles of the FSC ® certification standard (Certificate No. SCS-FM/COC-00088N).

**FSC
100%**

Appraisal includes one (1) cutting block:

Block #	Legal Description	Sec-Twp-Rng	County
1	NENE	22-62-20W	69: St. Louis

Species/Products/Price (All quantities are estimates):

Bid	SOAV	Species	Product	Quantity	UOM	Appraised Price	Appraised Value	Bid %	Bid Price	Bid Value
+		Mixed Spruce	Woodsrun Cordwood	437.00	Cd	13.60	5,943.20			
		Tamarack	Woodsrun Cordwood	72.00	Cd	5.10	367.20			
		Trembling Aspen	Woodsrun Cordwood	39.00	Cd	21.68	845.52			
		Jack Pine	Woodsrun Cordwood	18.00	Cd	11.90	214.20			
		Balsam Fir	Woodsrun Cordwood	5.00	Cd	12.75	63.75			

Sale Acres	20.0	Advance Payment	1,115.08	Total Appraised Value	7,433.87	Total Bid Value	
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Top Diameter Utilization: Unless otherwise specified, each species product must be utilized down to a minimum merchantable top diameter inside bark (dib) as follows: woodsrun cordwood and pulpwood to 4 inches, except spruce to 3 inches; bolts to 6 inches; sawtimber to 10 inches; and veneer to 14 inches.

Optional Timber (may be purchased with an Added Timber Agreement):

SOAV	Species	Product	Quantity	UOM	Appraised Price	Appraised Value
	Any Listed Species	Biomass	302.00	Tons	1.00	302.00

Sold on Appraised Volume (SOAV) option is available. If elected, Permit Holder must sign agreement option on date of permit purchase.

Total Appraised Cords per Acre: 28.6

Mixed Species Description:

Mixed Spruce Woodsrun Cordwood includes: Black Spruce 98%; White Spruce 2%.

Mixed Product Description:

N/A

HARVEST SPECIFICATIONS

Cutting and Felling:

- Harvest all merchantable stems of listed species.
- Fell all live black spruce equal to or greater than 5 feet tall.
- Reserve any pines located in black spruce area, all white pine, and all oak.
- Reserve all non-hazardous snags.
- Do not fell timber into road rights-of-way along Hwy 73 or CR 500.

Timber Appraisal Report - Harvest Specifications (Continued)

HARVEST SPECIFICATIONS

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Slash Disposal:

- Keep adjacent access roads free of logging residue.
- Distribute slash across the site.
- Biomass harvest is allowed on this permit. An Added Timber Agreement is required.
- If biomass is purchased with an Added Timber Agreement, 20% of the tops and limbs must be left on the site or hauled back from the landing and redistributed in the general harvest area.

Site, Soil and Water Protection:

- If site damage becomes apparent, alter or cease operations and contact State.

Landings Roads and Trails:

- Post "Trucks Hauling" signs 200 feet beyond either end of road/trail section being used.
- The location and construction of all roads and landings must be pre-approved by the State.
- Road right of way crossing approval from MNDOT may be required.
- Stabilize roads, skid trails, borrow pits and landings as directed by the State upon completion of operations.

Sale Conditions:

- Access is across state land with optional access through private land.
- Permission to cross private land must be obtained by permittee.

Marketing and Special Conditions:

Black spruce averages 6 sticks and 6" dbh. Aspen averages 5.5 sticks and 12" dbh.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: 0%

Permits Required:

(None)

Forestry Area Office:

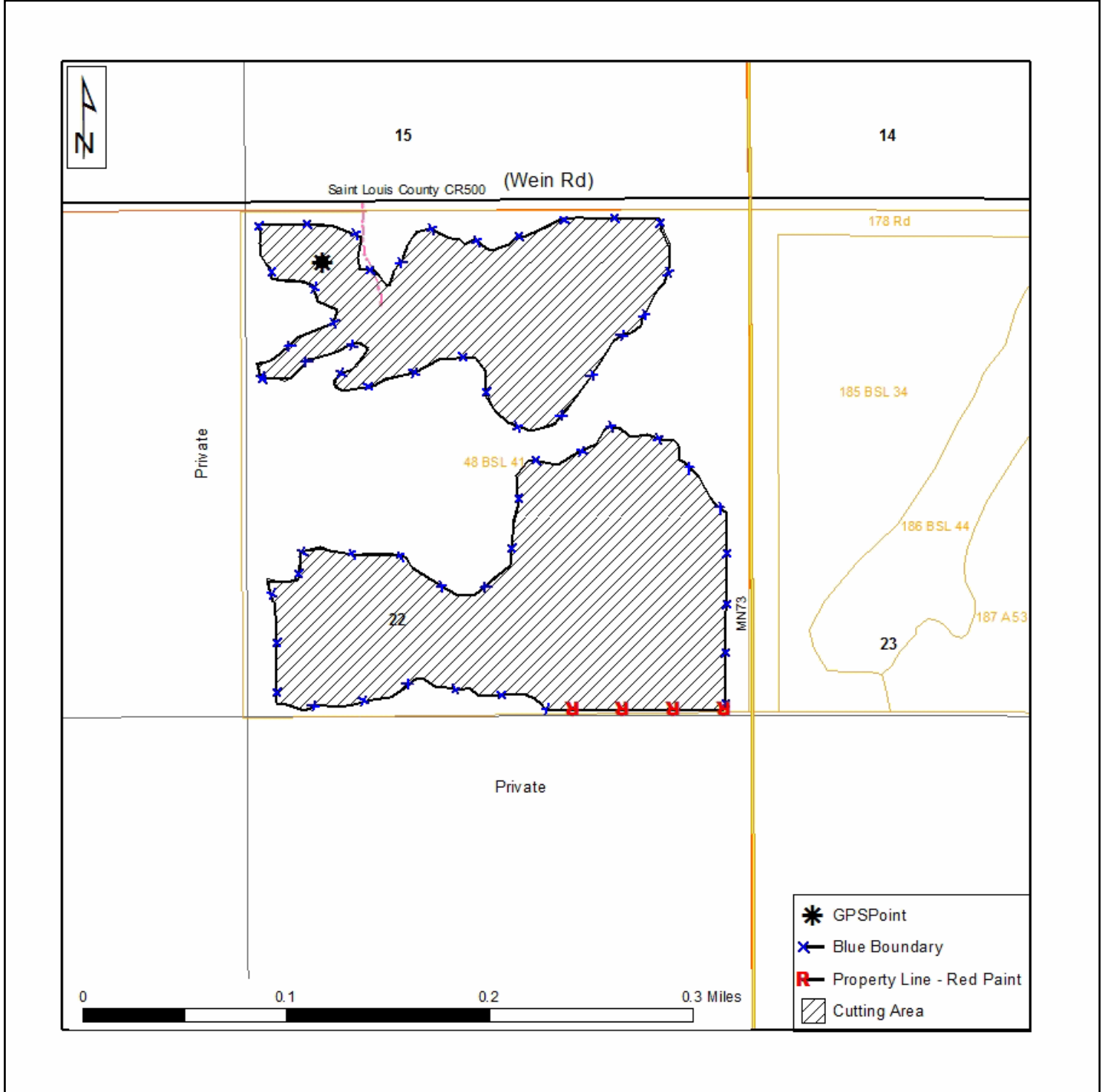
Tower Area Forestry Office
Orr Field Station
P.O. Box 306
Orr, MN 55771-0306
Telephone: 218-757-3274

Appraiser Signature	Appraiser (Printed name) Karen Louise Updegraff	Appraiser ID # 01162844	Signature Date 05/12/2015
Approved By Signature	Approved By (Printed name) -	Approver ID # -	Approval Date



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GPS Location: Latitude - 47 50 53, Longitude - 92 52 28



(Cutting Block ID 13001, Snapshot Nbr 0)

Cutting Block Map (may not print to scale)

SOAV Eligible: Yes

Stand Management Information - Appraisal includes one (1) cutting block:

Site	Harvest Prescription						
Stand	Cover Type	Plan Status	Planned	Examined	Appraised	Deferred	Altered
t06220w122	Regen Harvest-Even-Aged-Clearcut-w/Rsrv- Sprouting						
t06220w1220048	BSL	New	20.0	20.0	20.0	0.0	0.0
Totals			20.0	20.0	20.0	0.0	0.0

Forty/Lot Information - Appraisal includes one (1) cutting block:

Twp - Range	Sec	Forty / Lot	Land Status	Acres	% Total Value
62-20W	22	NENE	09: School	20.0	100
Totals				20.0	100

Specifications included in Notice Of Sale:

Cutting and Felling:

- Fell all live black spruce equal to or greater than 5 feet tall.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across state land with optional access through private land.
- Permission to cross private land must be obtained by permittee.