



MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

NOTICE OF SALE OF STUMPAGE ON STATE LANDS IN THE FOLLOWING AREA:
BACKUS AREA

STATUS: COMPLETED
INTERMEDIATE AUCTION - SALE #2
ORAL BID

Notice is hereby given that I offered for sale at public auction in Backus, MN at 11:00 AM on Thursday, May 26, 2016, timber belonging to the State of Minnesota. All tracts were offered at the Cass County Land Department Building in Backus, MN.

All of the timber offered was SFI and FSC certified.

The following pages list the lands upon which the timber was located, the estimated quantities of timber offered, the appraised prices, and the bid prices.



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

FSC
100%



MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY
INTERMEDIATE AUCTION
ORAL BID TIMBER SALE
BACKUS AREA

11:00 AM on May 26, 2016
Cass County Land Department Building in Backus, MN

TERMS OF SALE

- This auction sale will be held according to Minnesota Statutes Sections 90.101 and 90.14. Timber shall be offered and sold by the same unit of measure as it was appraised. Sale shall be made to whoever bids the highest price for all timber species advertised for bidding on each tract. Bidding over the appraised price shall be by increments of one (1) percent or more. The percent bid up will be added to the appraised price of each species indicated as a bid species by a plus symbol (+) on the Notice of Sale. Any or all bids may be rejected and sales canceled for good and sufficient reasons.

REGISTRATION AND ELIGIBLE BIDDERS

- Interested persons must be registered at least four (4) business days prior to the auction by submitting an *Annual Timber Sales Purchaser Registration* form. No bid will be accepted from anyone having a delinquent timber sale account or trespass account or a willful timber trespass with any public agency in Minnesota, or from anyone who does not qualify as a Responsible Bidder as defined in Minnesota Statutes § 90.01 (12), or from anyone who has been debarred for cause by any public agency [M.S. § 90.041 (11)]. Purchase is limited to registered persons or companies with 30 or fewer employees. No bidder may purchase more than twenty-five (25) percent of the tracts offered on the first round of bidding. Purchases or attempts to purchase tracts beyond the twenty-five (25) percent limit will result in the forfeiture of the down payment and loss of the tract.

DOWN PAYMENT

- Purchasers of timber must pay a down payment of fifteen (15) percent of the appraised value of the timber at the time the purchaser's bid is approved. The down payment will be kept on deposit by the State and applied against any billings for timber. The purchaser may elect to have the down payment refunded if they post security for one hundred (100) percent of the bid price of the timber (see Security Required). If the purchaser does not sign the permit document within 45 days of sale, the down payment will forfeit to the State. A permit signature extension of 10 business days may be granted, provided the purchaser pays a \$200 penalty.

BID GUARANTEE

- For any bid increase in excess of \$10,000 of the appraised price, a bid guarantee equal to fifteen (15) percent of the total bid price of the timber less the down payment amount is required at the time the permit is signed. If the bid guarantee is not submitted with the signed permit, the permit cancels, and the down payment forfeits to the State. If the permit holder fails to execute an effective permit, the bid guarantee payment forfeits to the State.

PURCHASER AND LOGGER QUALIFICATIONS AND OPERATIONS REQUIREMENTS

- The purchaser or the purchaser's agents, employees, subcontractors, and assigns conducting logging operations on a timber permit must comply with the general industry safety standards for logging (e.g., LogSafe) adopted by the Commissioner of Labor and Industry and provide proof of compliance with these standards. The purchaser or the purchaser's agents, employees, subcontractors, and assigns conducting logging operations on a timber permit must comply with the State of Minnesota mandatory insurance requirements before harvest operations begin. A *Certification of Compliance with the Minnesota Workers' Compensation Law* form must be submitted each year. Before the start of harvest operations, the purchaser must certify that a designated foreperson, who will be supervising active logging operations, has a current certificate of completion from a logger education program (e.g., MLEP or FISTA) approved by the Commissioner of Natural Resources.

SECURITY REQUIRED

- The purchaser must furnish security equal to the total bid value of the permit, LESS the amount paid as a down payment and bid guarantee. Security can be furnished in the following forms: Corporate surety bond, Letter of Credit, certified check, cashier's check, personal check, money order, or by signing a Cutting Block Payment Agreement for individual cutting blocks, at least one business day prior to the start of any permit operations. If the purchaser elects to receive a refund of the down payment and bid guarantee, they must furnish security in a form described above, for one hundred (100) percent of the total bid value of the timber purchased. If the deferred cash payment for cutting blocks is selected, the down payment and bid guarantee WILL NOT be refunded. If the purchaser elects to secure a permit by prepayment of cutting block(s), they must make a written request on a form provided by the state. No harvesting is permitted until proper security has been furnished to and approved by the Commissioner of Natural Resources or his agent.

PERMIT TERMS

- A permit to harvest and remove the timber from state lands will be issued to the purchaser. NO permit shall be issued to anyone other than the purchaser in whose name the bid was made. All timber purchased on the permit must be harvested prior to the permit expiration date. All permits provide for the continuous identification of timber from the time of cutting until delivery to the consumer. Failure to continuously identify the timber as specified in the permit shall constitute trespass. Also, please note all harvest specifications on each tract being sold. Only one Regular Extension is permitted for exceptional circumstances. An annual interest rate of 5 percent may be charged on a regular extension for the period of the extension.

UNSOLD TRACTS

- On the next regular business day (8:00 AM - 4:30 PM, Monday - Friday, except holidays) after the date of the auction sale, unsold tracts may be available for over-the-counter purchase at the appraised price for a period of no more than one year. Unless canceled for reoffer at an earlier date, unsold tracts will be available until May 26, 2017, at the following Area Headquarters: Backus Area. Beginning 30 days after the auction date, an unsold intermediate auction tract may be purchased by any registered responsible bidder, i.e., purchase is no longer limited to businesses with 30 or fewer employees.

TRACT X1

COUNTY: CROW WING

AREA: BACKUS AREA

ACRES: 31.1

Permit Number: X015013
Expiration Date: 05/31/2019

Purchased By: Michael H. Rieger
Address: 61559 Co. Road 26, Northome, MN 56661

GL01, GL02, NWNW, SENW of Section 16 - Township 47, Range 29W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 66	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	525.00	Cd	32.07	16,836.75	53.24	27,951.00
+ PAPER BIRCH	WOODSRUN MIXED PRODUCTS	100.00	Cd	12.18	1,218.00	20.22	2,022.00
TREMBLING ASPEN	WOODSRUN CORDWOOD	60.00	Cd	18.75	1,125.00	18.75	1,125.00
RED OAK	WOODSRUN MIXED PRODUCTS	50.00	Cd	15.61	780.50	15.61	780.50
RED MAPLE	WOODSRUN CORDWOOD	20.00	Cd	9.18	183.60	9.18	183.60
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$20,143.85	BID TOTAL = \$ 32,062.10
				ADVANCE PAYMENT =		\$3,021.58	

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

ANY LISTED SPECIES BIOMASS 440.00 Tons 0.90 396.00

Mixed Product Description:

Norway Pine Woodsrun Mixed Products includes: Bolts 32%; Pulpwood 32%; Sawtimber 36%.
Paper Birch Woodsrun Mixed Products includes: Bolts 49%; Pulpwood 51%.
Red Oak Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 70%.

Cutting and Felling:

- Harvest all norway pine, paper birch, aspen, oak, and maple in cutting unit 1. In cutting unit 2, cut 14 foot strips every 50 feet where designated by TSA.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Good access on existing trails.
Norway Pine averages 20 inches, 7-10 sticks.
Birch averages 9 inches, 5 sticks.
Oak averages 9 inches, 5 sticks.
Aspen averages 11 inches, 6 sticks.
Maple averages 8 inches , 4 sticks

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: -10%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: 0%

Appraiser:

Karla Regina Sandstrom

TRACT X2

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 51.4

Permit Number: X015014
Expiration Date: 05/31/2019

Purchased By: Edin Logging Inc.
Address: 16568 - 235th Ave, Staples, MN 56479

NENE,NENW,NWNE,SENE,SENW,SWNE of Section 22 - Township 134, Range 32W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	330.00	Cd	15.84	5,227.20	15.84	5,227.20
+ OAK SPECIES	WOODSRUN MIXED PRODUCTS	195.00	Cd	13.06	2,546.70	13.06	2,546.70
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	90.00	Cd	16.66	1,499.40	16.66	1,499.40
MIXED HARDWOODS	WOODSRUN CORDWOOD	5.00	Cd	7.62	38.10	7.62	38.10
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$9,311.40	BID TOTAL = \$ 9,311.40
				ADVANCE PAYMENT =		\$1,396.71	

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

ANY LISTED SPECIES BIOMASS 385.00 Tons 1.00 385.00

Mixed Species Description:

Mixed Hardwoods Woodsrun Cordwood includes: Basswood 40%; Paper Birch 50%; Red Maple 10%.
Oak Species Woodsrun Mixed Products includes: Bur Oak 47%; Red Oak 53%.
Pine Species Woodsrun Mixed Products includes: Jack Pine 84%; Norway Pine 16%.

Mixed Product Description:

Oak Species Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
Pine Species Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 70%.

Cutting and Felling:

- Harvest oak, aspen, basswood, paper birch, maple, norway and jack pine.
- Full tree skidding required.

Season of Operations:

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

Sale Conditions:

- Access is across state or county land.
- Permission to cross county land must be obtained by permittee.

Marketing Conditions:

Access to sale from state land will cross an irrigation ditch, permittee will have to create an ice bridge to cross.

Access to sale from county land will require freezing a road across wetland (approx. 0.5 miles).

Jack pine averages 5 sticks, 10 inches.
Oak averages 4 sticks, 9 inches.
Aspen averages 4 sticks, 10 inches.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: -10%
Operational Constraints: -10%

Other Price Factor: 0%

Appraiser:

Karla Regina Sandstrom

(Appraisal ID 11834-0; Cutting Block ID 13881-0)

TRACT X3

COUNTY: CROW WING

AREA: BACKUS AREA

ACRES: 16.0

Permit Number: X015015
Expiration Date: 05/31/2019

Purchased By: Shawn Fletcher Trucking Inc.
Address: 10545 Business 371, Brainerd, MN 56401

GL11, SENW, SWNW of Section 5 - Township 136, Range 27W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 76	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	240.00	Cd	20.83	4,999.20	36.66	8,798.40
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	100.00	Cd	21.91	2,191.00	38.56	3,856.00
OAK SPECIES	WOODSRUN CORDWOOD	19.00	Cd	15.30	290.70	15.30	290.70
+ BID SPECIES	* SOLD ON APPRAISED VOLUME			APPRAISED TOTAL =	\$7,480.90	BID TOTAL = \$	12,945.10
				ADVANCE PAYMENT =	\$1,122.14		

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

ANY LISTED SPECIES BIOMASS 176.00 Tons 1.00 176.00

Mixed Species Description:

Oak Species Woodsrun Cordwood includes: Bur Oak 68%; Red Oak 32%.

Mixed Product Description:

Norway Pine Woodsrun Mixed Products includes: Bolts 38%; Pulpwood 62%.

Marketing Conditions:

Aspen averages 10 inches dbh and 5 sticks
Pine averages 10 inches and 5 sticks
No sale operations allowed between March 31 and July 1.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: +5%
Stand Density: 0%
Operational Constraints: -5%
Other Price Factor: 0%

Appraiser:

William H. Salo

TRACT X4

COUNTY: CROW WING

AREA: BACKUS AREA

ACRES: 21.6

Permit Number: X015016
Expiration Date: 05/31/2019

Purchased By: Minnesota Timber, LLC
Address: 12209 State Hwy 18, Brainerd, MN 56401

NESE,NESW,NWSE,SESE,SESW,SWSE of Section 36 - Township 137, Range 25W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORTHERN HARDWOODS	WOODSRUN MIXED PRODUCTS	635.00	Cd	16.25	10,318.75	16.25	10,318.75
				APPRAISED TOTAL =		\$10,318.75	BID TOTAL = \$ 10,318.75
				ADVANCE PAYMENT =		\$1,547.81	

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

ANY LISTED SPECIES	BIOMASS	398.00 Tons	1.00	398.00
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Mixed Species Description:

Northern Hardwoods Woodsrun Mixed Products includes: Largetooth Aspen 15%; Paper Birch 18%; Red Maple 5%; Sugar Maple 4%; Trembling Aspen 58%.

Mixed Product Description:

Northern Hardwoods Woodsrun Mixed Products includes: Bolts 7%; Pulpwood 93%.

Cutting and Felling:

- Harvest all aspen, maple and birch.

Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access across private.

Sale Conditions:

- Access is across private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:

Sale is located 13 miles SE of Emily off of County Rd 36.
Aspen is 7"-11" DBH with 5 sticks/tree.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: 0%
Operational Constraints: -10%
Other Price Factor: 0%

Appraiser:

Elena A. Teich

TRACT X5

COUNTY: CROW WING

AREA: BACKUS AREA

ACRES: 27.0

Permit Number: X015017
 Expiration Date: 05/31/2019

Purchased By: Michael H. Rieger
 Address: 61559 Co. Road 26, Northome, MN 56661

SWSE of Section 26 - Township 137, Range 27W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 16	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORTHERN HARDWOODS	WOODSRUN MIXED PRODUCTS	443.00	Cd	14.28	6,326.04	16.56	7,336.08
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	130.00	Cd	20.24	2,631.20	23.48	3,052.40
				APPRAISED TOTAL =	\$8,957.24	BID TOTAL = \$	10,388.48
				ADVANCE PAYMENT =	\$1,343.59		

+ BID SPECIES * SOLD ON APPRAISED VOLUME

Mixed Species Description:

Northern Hardwoods Woodsrun Mixed Products includes: Paper Birch 69%; Red Maple 5%; Red Oak 12%; Trembling Aspen 14%.
 Pine Species Woodsrun Mixed Products includes: Jack Pine 25%; Norway Pine 72%; White Pine 3%.

Mixed Product Description:

Northern Hardwoods Woodsrun Mixed Products includes: Bolts 26%; Pulpwood 74%.
 Pine Species Woodsrun Mixed Products includes: Bolts 24%; Pulpwood 67%; Sawtimber 9%.

Cutting and Felling:

- Harvest all paper birch, red oak, jack pine, maple, Norway pine and aspen species (Cutting Block 1).
- Harvest every 5th row and thin pine between rows, reducing the basal area from 160-170 to a basal area of 110-120 sqft; by favoring dominant trees and removing suppressed trees (Cutting Block 2).

Season of Operations:

- Conduct sale operations on dry/frozen soil conditions only, except with written permission from State (Cutting Blocks 1 and 2).

Sale Conditions:

- Access is across county and State land (Cutting Blocks 1 and 2).
- Permission to cross county land must be obtained by permittee (Cutting Blocks 1 and 2).

Marketing Conditions:

Block 1 is a clearcut, block 2 is a Norway pine first thin.
 The species being cut in block 1 will be paper birch, red oak, jack pine, maple, Norway pine, and aspen species. Block 2 will be a thinning with the removal of Norway pine, white pine, paper birch, red oak, trembling aspen, maple and jack pine. Block 1 will have hardwoods averaging 4 sticks per tree and 26% bolts. The diameter is 13-16 inches on average. Block 2 is a first thinning with an average diameter of 6-8 inches. The stick height for the pine averaged between 3-4 sticks. Access to the site is south of county road 36 on Kallberg Road.

Price Adjustments:

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

Appraiser:

Cody Crawford

TRACT X6

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 64.2

Permit Number: X015018
 Expiration Date: 05/31/2019

Purchased By: M & S Logging LLC
 Address: PO Box 106, Backus, MN 56435

GL01, GL02, GL03, GL04, NENW, NESW, NWNE, SENW, SESW of Section 19 - Township 137, Range 31W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 50	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ MIXED HARDWOODS	WOODSRUN MIXED PRODUCTS	970.00	Cd	14.24	13,812.80	21.36	20,719.20
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	550.00	Cd	19.79	10,884.50	29.69	16,329.50
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$24,697.30	BID TOTAL = \$ 37,048.70
				ADVANCE PAYMENT =		\$3,704.60	

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

ANY LISTED SPECIES BIOMASS 843.00 Tons 1.00 843.00

Mixed Species Description:

Mixed Hardwoods Woodsrun Mixed Products includes: Basswood 3%; Paper Birch 32%; Red Maple 10%; Red Oak 55%.

Mixed Product Description:

Mixed Hardwoods Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 70%.

Cutting and Felling:

- Harvest all listed species in the single cross hatched cutting areas, while reserving a well formed, full crowned tree every 30 to 35 feet in all directions. Oak must be favored as reserve trees followed by paper birch and then aspen. In the double cross hatched cutting areas harvest only the trees marked with yellow paint.

Season of Operations:

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

Slash Disposal:

- Keep all ATV trails and roads free of logging residue.

Landings Roads and Trails:

- Keep recreation trails free of equipment, slash, piled timber, and harvest-related structures.

Marketing Conditions:

Topography is rolling to very steep in some areas. Some areas may not be operable. Aspen is 6 to 7 sticks and up to 22 inch diameter. Oak is 4 to 6 stick with a wide range of quality and diameter. Snoway One and a portion of the ATV trail system travel through out the sale. There should be no landing on or very limited travel on the ATV system. Approval from the TSA will be needed. Sale is in a High Conservation Value Forest area where many residuals will be left in the sale area.

Price Adjustments:

Road Construction Costs: +5%
 Haul Distance to Nearest Mill: 0%
 Stand Density: -5%
 Operational Constraints: -5%
 Other Price Factor: 0%

Appraiser:

Joel D. Lemberg

TRACT X7

COUNTY: CROW WING

AREA: BACKUS AREA

ACRES: 27.0

Permit Number: X015019
Expiration Date: 05/31/2019

Purchased By: Great Northern Logging Inc.
Address: 33403 - 143rd St, Pierz, MN 56364

GL01,NENW of Section 20; GL03,GL04,NWNE,NWNW,SEnw,SWNW of Section 19 - Township 138, Range 25W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ BASSWOOD	WOODSRUN MIXED PRODUCTS	460.00	Cd	13.24	6,090.40	13.24	6,090.40
+ ASH	WOODSRUN MIXED PRODUCTS	190.00	Cd	10.74	2,040.60	10.74	2,040.60
+ MAPLE SPECIES	WOODSRUN CORDWOOD	180.00	Cd	9.69	1,744.20	9.69	1,744.20
+ ASPEN SPECIES	WOODSRUN CORDWOOD	90.00	Cd	19.79	1,781.10	19.79	1,781.10
PAPER BIRCH	WOODSRUN MIXED PRODUCTS	50.00	Cd	12.92	646.00	12.92	646.00
OAK SPECIES	WOODSRUN MIXED PRODUCTS	40.00	Cd	16.15	646.00	16.15	646.00
MIXED CONIFERS	WOODSRUN CORDWOOD	5.00	Cd	11.63	58.15	11.63	58.15
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$13,006.45	BID TOTAL = \$	13,006.45
				ADVANCE PAYMENT =	\$1,950.97		

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

ANY LISTED SPECIES BIOMASS 806.00 Tons 1.00 806.00

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Largetooth Aspen 15%; Trembling Aspen 85%.
Maple Species Woodsrun Cordwood includes: Red Maple 15%; Sugar Maple 85%.
Mixed Conifers Woodsrun Cordwood includes: Balsam Fir 80%; White Spruce 20%.
Oak Species Woodsrun Mixed Products includes: Bur Oak 10%; Red Oak 90%.

Mixed Product Description:

Ash Woodsrun Mixed Products includes: Bolts 70%; Pulpwood 30%.
Basswood Woodsrun Mixed Products includes: Bolts 80%; Pulpwood 20%.
Oak Species Woodsrun Mixed Products includes: Bolts 25%; Pulpwood 75%.
Paper Birch Woodsrun Mixed Products includes: Bolts 50%; Pulpwood 50%.

Cutting and Felling:

- Harvest all trees within 80' radius of center tree marked with orange paint.
- Reserve the orange painted center tree for reference in each harvest area.

Season of Operations:

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

Sale Conditions:

- Access is across private or state land.

Marketing Conditions:

Best access is across private on existing trail system.
Access across private has been secured by Crow Wing County for adjacent timber sale.
Frozen ground operations only, site is very wet.
Long (>0.5 mile) drags should be anticipated, see map.
Basswood averages 6 sticks, 13".

Ash averages 6 sticks, 10".
Maple averages 4 sticks, 8".
Aspen averages 7 sticks, 14".

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: +5%
Operational Constraints: -10%
Other Price Factor: 0%

Appraiser:

Karla Regina Sandstrom

(Appraisal ID 11720-0; Cutting Block ID 13706-0)

TRACT X8

COUNTY: CROW WING

AREA: BACKUS AREA

ACRES: 22.0

Permit Number: X015020
 Expiration Date: 05/31/2019

Purchased By: Lyle G. Sunne
Address: 7232 Morris Thomas Road, Cloquet, MN 55720

SWSE of Section 26; NWNE of Section 35 - Township 138, Range 26W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORTHERN HARDWOODS	WOODSRUN MIXED PRODUCTS	226.00	Cd	7.41	1,674.66	7.41	1,674.66
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$1,674.66	BID TOTAL = \$	1,674.66
				ADVANCE PAYMENT =	\$251.20		

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

ANY LISTED SPECIES BIOMASS 137.00 Tons 1.00 137.00

Mixed Species Description:

Northern Hardwoods Woodsrun Mixed Products includes: Basswood 30%; Bur Oak 1%; Paper Birch 24%; Red Maple 5%; Red Oak 8%; Sugar Maple 20%; Trembling Aspen 12%.

Mixed Product Description:

Northern Hardwoods Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.

Cutting and Felling:

- Harvest all orange painted northern hardwoods. Southeast of yellow paint harvest all merchantable species, except pine.
- Reserve all unmarked trees and all pine species.

Season of Operations:

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

Slash Disposal:

- Distribute slash in compact piles if products will be forwarded. If full tree skidding, tightly pile slash on landing at least 50 feet from any standing timber.

Sale Conditions:

- Access is across State land.

Marketing Conditions:

Birch: 8-11" 4-5 sticks 25% bolts
 Basswood: 7-14" 3-6 sticks 21% bolts
 Maple: 5-10" 1-3 sticks

Landing for a conventional operation will be located southeast of yellow paint in clearcut area. If forwarding wood, it may be placed along existing state woods road.

Sale is located near the east side of Emily Lake.

Price Adjustments:

Road Construction Costs: 0%
 Haul Distance to Nearest Mill: 0%
 Stand Density: -10%
 Operational Constraints: -5%
 Other Price Factor: -25% (reoffer)

Appraiser:

Darren S. Bundy

(Appraisal ID 10265-0; Cutting Block ID 12070-0)

TRACT X9

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 58.9

Permit Number: X015021

Expiration Date: 05/31/2019

Purchased By: Sawyer Timber Co., LLP

Address: PO Box 13, Backus, MN 56435-0013

NENW,NWNW,SENW,SWNW of Section 15 - Township 138, Range 31W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 115	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORTHERN HARDWOODS	WOODSRUN MIXED PRODUCTS	625.00	Cd	11.72	7,325.00	25.20	15,750.00
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	560.00	Cd	18.75	10,500.00	40.31	22,573.60
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$17,825.00	BID TOTAL = \$ 38,323.60
				ADVANCE PAYMENT =		\$2,673.75	

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

ANY LISTED SPECIES BIOMASS 651.00 Tons 1.00 651.00

Mixed Species Description:

Northern Hardwoods Woodsrun Mixed Products includes: Ash 5%; Basswood 26%; Paper Birch 15%; Red Maple 6%; Red Oak 48%.

Mixed Product Description:

Northern Hardwoods Woodsrun Mixed Products includes: Bolts 16%; Pulpwood 84%.

Season of Operations:

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

Slash Disposal:

- Full tree skidding required in the group selection cuts. Tightly pile slash at landing if not being utilized for biomass. Clearcut area must be lopped and scattered within two feet of the ground if not being utilized for biomass.

Sale Conditions:

- Access is across Cass county and state land.

Marketing Conditions:

Sale is approximately three miles off of Hwy 87 on an existing winter road. Approximately 1800 feet of new road will need to be constructed to the sale from the powerline to the north.

Aspen is 11-18" dbh and 5 sticks tall. Paper birch and red oak are 20% bolts, basswood and ash are 10% bolts. Maple is approximately 75% red maple and 25% sugar maple. Some of the ash may be inaccessible depending on soil and frost conditions.

Price Adjustments:

Road Construction Costs: -5%
Haul Distance to Nearest Mill: 0%
Stand Density: +5%
Operational Constraints: -10%
Other Price Factor: 0%

Appraiser:

Joel D. Lemberg

TRACT X10

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 58.0

Permit Number: X015022

Expiration Date: 05/31/2019

Purchased By: Haverinen Brothers Logging

Address: 10097 - 350th St, Menahga, MN 56464

SENW,SWNE of Section 16 - Township 138, Range 31W.

NESW,NWSW,SENW,SWSW of Section 16 - Township 138, Range 31W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 110	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	1,090.00	Cd	21.87	23,838.30	45.93	50,063.70
+ NORTHERN HARDWOODS	WOODSRUN MIXED PRODUCTS	219.00	Cd	13.47	2,949.93	28.29	6,195.51
NORWAY PINE	WOODSRUN MIXED PRODUCTS	45.00	Cd	19.41	873.45	19.41	873.45
+ BID SPECIES				APPRAISED TOTAL =		\$27,661.68	
* SOLD ON APPRAISED VOLUME				ADVANCE PAYMENT =		\$4,149.25	
						BID TOTAL = \$ 57,132.66	

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

ANY LISTED SPECIES BIOMASS 655.00 Tons 1.00 655.00

Mixed Species Description:

Northern Hardwoods Woodsrun Mixed Products includes: Paper Birch 31%; Red Maple 27%; Red Oak 41%.

Mixed Product Description:

Northern Hardwoods Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.

Norway Pine Woodsrun Mixed Products includes: Bolts 20%; Pulpwood 80%.

Cutting and Felling:

- Harvest all aspen and maple. Norway pine is logger select thinning (Cutting Block 2).
- Reserve between 90-100 sq.ft. basal area per acre of Norway pine (Cutting Block 2).
- Norway pine logger select thinning. Reduce pine basal area to between 90-100sq.ft/ac., prioritizing first the removal of suppressed and/or poorly formed Norway pine (Cutting Block 2).

Season of Operations:

- Conduct all sale operations on dry/frozen soil conditions only, except with written permission from State (Cutting Block 2).
- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State (Cutting Block 1).

Landings Roads and Trails:

- Recreation trail may be used as access (Cutting Block 2).

Sale Conditions:

- Access is across county and state land (Cutting Blocks 1 and 2).

Marketing Conditions:

CB 1: Aspen is 8-16" and 4-6 sticks.

CB 2: Aspen is 10-14" and 5-6 sticks. Access trail / ATV trail along the the west and north boundaries.

Price Adjustments:

Road Construction Costs: 0%

Haul Distance to Nearest Mill: 0%

Stand Density: +5%

Operational Constraints: 0%

Other Price Factor: 0%

Appraiser:

Joel D. Lemberg

(Appraisal ID 11989-0; Cutting Block ID 9612-0, 13667-0)

TRACT X11

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 62.0

Permit Number: X015023
Expiration Date: 05/31/2019

Purchased By: Michael H. Rieger
Address: 61559 Co. Road 26, Northome, MN 56661

NENE,NWNE,SENE,SWNE of Section 36 - Township 139, Range 26W.
NESW,NWSE of Section 36 - Township 139, Range 26W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 65	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORTHERN HARDWOODS	WOODSRUN MIXED PRODUCTS	555.00	Cd	16.14	8,957.70	26.63	14,779.65
+ NORWAY PINE	WOODSRUN MIXED PRODUCTS	510.00	Cd	14.87	7,583.70	24.54	12,515.40

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$16,541.40
ADVANCE PAYMENT = \$2,481.21
BID TOTAL = \$ 27,295.05

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

ANY LISTED SPECIES BIOMASS 508.00 Tons 1.00 508.00

Mixed Species Description:

Northern Hardwoods Woodsrun Mixed Products includes: Paper Birch 4%; Red Maple 8%; Red Oak 53%; Sugar Maple 8%; Trembling Aspen 26%.

Mixed Product Description:

Northern Hardwoods Woodsrun Mixed Products includes: Bolts 19%; Pulpwood 81%.
Norway Pine Woodsrun Mixed Products includes: Bolts 34%; Pulpwood 66%.

Cutting and Felling:

- Harvest all non-painted northern hardwoods on Cutting Block 1. All non-merchantable stems larger than 2 inches DBH must be cut (Cutting Block 1).
- Harvest every 5th row in Norway pine thinning. Cut 20% of trees in remaining rows to a final basal area of 120 sqft by selecting trees to release dominant, well-formed, single topped trees by removing poor quality and suppressed trees. Northern hardwoods should only be removed in access rows or when in direct competition to the crown of a Norway pine; reserve all other northern hardwoods (Cutting Block 2).

Season of Operations:

- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State (Cutting Blocks 1 and 2).

Landings Roads and Trails:

- The construction of all new landings must be located more than 330' away from Old Growth Area (Cutting Block 1).

Sale Conditions:

- Access is across State land (Cutting Blocks 1 and 2).
- Permittee must give five days notice to the state prior to presale meeting due to the GIA snowmobile trail, if harvested between November 25 - March 31 (Cutting Blocks 1 and 2).

Marketing Conditions:

Cutting Block 1:
This cutting block is a mixed hardwood stand with scattered reserve trees marked throughout stand.

Red Oak averages 13" DBH 6 sticks 35% Bolts
Aspen 5-14" DBH 4-6 sticks

Maple averages 8" DBH 2-3 Sticks

Cutting Block 2:

This cutting block is a first entry thin in a pine plantation. This will be a combination of row thinning and selective thinning between rows. Starting basal area varies between 160-200 sqft throughout stand. Norway Pine price reduced 25% due to first entry thinning.

Norway Pine averages 8-9" 4-5 sticks 34% bolts

Access route for both Cutting Blocks must be from the east, due to no activity allowed within the Old Growth Area.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: -5%
Operational Constraints: 0%
Other Price Factor: 0%

Appraiser:

Darren S. Bundy

(Appraisal ID 9886-0; Cutting Block ID 13585-0, 11688-0)

TRACT X12

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 38.0

Permit Number: X015024
Expiration Date: 05/31/2019

Purchased By: Sawyer Enterprises LLC
Address: 317 Front Street S., Backus, MN 56435

NESW,NWSW,SESW,SWSW of Section 12 - Township 139, Range 30W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 0	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ NORTHERN HARDWOODS	WOODSRUN MIXED PRODUCTS	486.00	Cd	16.00	7,776.00	16.00	7,776.00
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	100.00	Cd	40.00	4,000.00	40.00	4,000.00

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$11,776.00
ADVANCE PAYMENT = \$1,766.40
BID TOTAL = \$ 11,776.00

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

ANY LISTED SPECIES BIOMASS 520.00 Tons 1.00 520.00

Mixed Species Description:

Northern Hardwoods Woodsrun Mixed Products includes: Largetooth Aspen 6%; Paper Birch 23%; Red Maple 5%; Red Oak 6%; Trembling Aspen 60%.
Pine Species Woodsrun Mixed Products includes: Jack Pine 10%; Norway Pine 90%.

Mixed Product Description:

Northern Hardwoods Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.
Pine Species Woodsrun Mixed Products includes: Bolts 20%; Pulpwood 10%; Sawtimber 70%.

Cutting and Felling:

- Harvest all aspen, birch, maple, red oak, and any pine marked with orange paint.
 - Tree damage will be defined as 100 sq in or greater of bark removed from any reserve trees 8" dbh or greater.
- No sale operations in block 1 between February 1st-July15th due to eagles nest.

Season of Operations:

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

Sale Conditions:

- Access is across state and county land.
- Permission to cross county land must be obtained by permittee.

Marketing Conditions:

Bald Eagles nest in the NE corner of block 1 precludes any harvesting activity within 660' during the breeding period(February 1-July 15).
Aspen averages 6 sticks/tree, 13.6" DBH, birch is 3.2 st./tree, 9.5", oak is 2 st./tree, 9.5", maple is 2.8 st./tree, 8".
Norway pine averages 9.7 st./tree, 14.5", but ranges from 54'-95' merch height, and 11.5"-21.5" DBH.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: -5%
Operational Constraints: -5%
Other Price Factor: 0%

Appraiser:

Troy D. Holcomb

(Appraisal ID 11929-0; Cutting Block ID 13998-0)

TRACT X13

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 44.8

Permit Number: X015025
Expiration Date: 05/31/2019

Purchased By: Ted W. Kromy
Address: 130 Par Lane, Grand Rapids, MN 55744

NESE,NWSE,SESE,SWNE,SWSE of Section 28; NENE,NWNE of Section 33 - Township 139, Range 31W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 113	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	405.00	Cd	20.83	8,436.15	44.37	17,969.85
+ PINE SPECIES	WOODSRUN MIXED PRODUCTS	400.00	Cd	21.51	8,604.00	45.82	18,328.00
+ WHITE SPRUCE	WOODSRUN MIXED PRODUCTS	170.00	Cd	21.25	3,612.50	45.26	7,694.20
NORTHERN HARDWOODS	WOODSRUN CORDWOOD	40.00	Cd	10.56	422.40	10.56	422.40

+ BID SPECIES * SOLD ON APPRAISED VOLUME

APPRAISED TOTAL = \$21,075.05 BID TOTAL = \$ 44,414.45
ADVANCE PAYMENT = \$3,161.26

Mixed Species Description:

Northern Hardwoods Woodsrun Cordwood includes: Bur Oak 7%; Paper Birch 50%; Red Maple 18%; Sugar Maple 25%.
Pine Species Woodsrun Mixed Products includes: Norway Pine 95%; White Pine 5%.

Mixed Product Description:

Pine Species Woodsrun Mixed Products includes: Bolts 50%; Pulpwood 20%; Sawtimber 30%.
White Spruce Woodsrun Mixed Products includes: Bolts 50%; Pulpwood 50%.

Cutting and Felling:

- Harvest all trees marked with orange paint in stand 1. Stand 2, thin red pine to 110 BA. Stand 3, harvest all trees marked with orange paint and harvest all aspen, birch & maple. Stand 4, harvest all aspen, birch & maple and thin red pine to 120 BA. Stand 5, harvest all pine marked with orange paint and harvest all aspen, white spruce, oak & maple.
- Trees must be processed at the stump and cut products forwarded to the landing.

Season of Operations:

- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.
- Operate during non-rutting soil conditions. Refer to DNR rutting guidelines.

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Red pine averages 5-7 sticks/tree and 8-18" DBH.
Aspen averages 4-5 sticks/tree and 8-12" DBH.
Stands have fire-plowed rows throughout.
Areas with steep terrain in stands 1, 2 & 4.
Sale is 1 mile north of State Hwy 87 on the Pine Mountain Forest Road.

Price Adjustments:

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

Appraiser:

Elena A. Teich

TRACT X14

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 17.0

Permit Number: X015026
Expiration Date: 05/30/2019

Purchased By: Lyle G. Sunne
Address: 7232 Morris Thomas Road, Cloquet, MN 55720

GL04, GL05 of Section 31 - Township 140, Range 28W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 100	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ ASPEN SPECIES	WOODSRUN MIXED PRODUCTS	285.00	Cd	22.52	6,418.20	45.04	12,836.40
+ PAPER BIRCH	WOODSRUN CORDWOOD	80.00	Cd	10.71	856.80	21.42	1,713.60
RED MAPLE	WOODSRUN CORDWOOD	20.00	Cd	10.71	214.20	10.71	214.20
NORWAY PINE	WOODSRUN CORDWOOD	7.00	Cd	12.50	87.50	12.50	87.50
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$7,576.70	BID TOTAL = \$	14,851.70
				ADVANCE PAYMENT =	\$1,136.51		

Mixed Species Description:

Aspen Species Woodsrun Mixed Products includes: Largetooth Aspen 70%; Trembling Aspen 30%.

Mixed Product Description:

Aspen Species Woodsrun Mixed Products includes: Bolts 60%; Pulpwood 40%.

Cutting and Felling:

- Harvest aspen, paper birch, red maple, and orange painted Norway pine.
- Reserve all conifer, oak, and red painted trees.
- Full tree skidding or tree length skidding required.

Season of Operations:

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

Slash Disposal:

- Distribute slash evenly across the site.
- Biomass harvest is not allowed on this permit.

Landings Roads and Trails:

- The location and construction of all landings must be pre-approved by the State.
- Use only existing access trail.

Sale Conditions:

- Access is across State land.

Marketing Conditions:

Good access off county road from south to permit area.
Aspen DBH 12"-18", 6-7 sticks.
Paper birch avg:8"-11" DBH / 4-5 sticks
red maple is of moderate quality, 6"-10" DBH.
Sale is within the Mule Lake WMA

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: +5%
Stand Density: 0%
Operational Constraints: 0%
Other Price Factor: 0%

Appraiser:

Craig A. Schultz

(Appraisal ID 12074-0; Cutting Block ID 14118-0)

TRACT X15

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 11.0

Permit Number: X015027
Expiration Date: 05/31/2019

Purchased By:
Address:

UNSOLD

NENE,SENE of Section 7; NWNW of Section 8 - Township 140, Range 31W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID: _____	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	200.00	Cd	19.79	3,958.00	19.79	3,958.00
MIXED HARDWOODS	WOODSRUN CORDWOOD	17.00	Cd	9.69	164.73	9.69	164.73
WHITE PINE	WOODSRUN CORDWOOD	5.00	Cd	11.31	56.55	11.31	56.55
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =	\$4,179.28	BID TOTAL = \$	4,179.28
				ADVANCE PAYMENT =	\$626.89		

Mixed Species Description:

Mixed Hardwoods Woodsrun Cordwood includes: Paper Birch 53%; Red Maple 47%.

Marketing Conditions:

Topogrphy is steep. May be some areas that will not be operable.
Aspen 12" to 18" diameter and 6 stick average height.
Trees will be processed at the stump and forwarded in 100" lengths.
This is aspen with an understory of white pine. There is a small amount of white pine added to the sale so a tree can be removed here and there to access the aspen. This will be very minimal.

Price Adjustments:

Road Construction Costs: 0%
Haul Distance to Nearest Mill: 0%
Stand Density: -5%
Operational Constraints: 0%
Other Price Factor: 0%

Appraiser:

Joel D. Lemberg

TRACT X16

COUNTY: CASS

AREA: BACKUS AREA

ACRES: 45.0

Permit Number: X015028
Expiration Date: 05/31/2019

Purchased By: Dukek Logging Inc.

Address: 23873 Timber Trail Drive, Bemidji, MN 56601

GL06, GL07, SESE, SWSE of Section 10 - Township 141, Range 29W.

SPECIES	PRODUCT	VOLUME	UNIT	APPRAISED		BID %: 50	
				UNIT PRICE	\$ VALUE	UNIT PRICE	\$ VALUE
+ BASSWOOD	WOODSRUN MIXED PRODUCTS	430.00	Cd	11.97	5,147.10	17.96	7,722.80
+ OAK SPECIES	WOODSRUN MIXED PRODUCTS	350.00	Cd	17.54	6,139.00	26.31	9,208.50
+ NORTHERN HARDWOODS	WOODSRUN MIXED PRODUCTS	215.00	Cd	10.95	2,354.25	16.43	3,532.45
+ TREMBLING ASPEN	WOODSRUN CORDWOOD	90.00	Cd	20.83	1,874.70	31.25	2,812.50
+ BID SPECIES * SOLD ON APPRAISED VOLUME				APPRAISED TOTAL =		\$15,515.05	BID TOTAL = \$ 23,276.25
				ADVANCE PAYMENT =		\$2,327.26	

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

ANY LISTED SPECIES	BIOMASS	777.00 Tons	1.00	777.00
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Mixed Species Description:

Northern Hardwoods Woodsrun Mixed Products includes: Ash 34%; Paper Birch 20%; Red Maple 10%; Sugar Maple 36%.
Oak Species Woodsrun Mixed Products includes: Bur Oak 18%; Red Oak 82%.

Mixed Product Description:

Basswood Woodsrun Mixed Products includes: Bolts 51%; Pulpwood 49%.
Northern Hardwoods Woodsrun Mixed Products includes: Bolts 31%; Pulpwood 69%.
Oak Species Woodsrun Mixed Products includes: Bolts 33%; Pulpwood 67%.

Marketing Conditions:

Sale is approximately 1.5 miles north of the Old Grade Road, on existing trails.

This is an oak thinning with many residual trees to work around. Variable basal area ranging from 150 - 80 square feet, thinning stand to an approximate average of 60 square feet basal area.

Oak averages 6 sticks, 12 inches.
Basswood averages 5 sticks, 10 inches.
Aspen averages 6 sticks, 9 inches.

Price Adjustments:

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

Appraiser:

Karla Regina Sandstrom

Harvest specifications and additional information about each tract may be obtained upon request from the following
DNR Area Forestry Office:

BACKUS AREA

The right is reserved to reject any and all bids.

For the Commissioner
MINNESOTA DEPARTMENT OF NATURAL RESOURCES

By: _____
Authorized Signature
Division Of Forestry
Dated: May 26, 2016

- SUMMARY SHEET -

05/26/2016 INTERMEDIATE AUCTION - SALE #2

COMPLETED - DATA AS OF 12/26/2017

BACKUS AREA

SUMMARY FOR SOLD TRACTS

PRODUCT	SPECIES	TOTAL VOLUME	UNIT	SOLD AVERAGE UNIT PRICE	TOTAL SOLD \$ VALUE
WOODSRUN MIXED PRODUCTS	ASH	190.00	Cd	10.74	2,040.60
	ASPEN SPECIES	285.00	Cd	45.04	12,836.40
	PAPER BIRCH	150.00	Cd	17.79	2,668.00
	NORTHERN HARDWOODS	3,404.00	Cd	18.75	63,830.65
	BASSWOOD	890.00	Cd	6.84	6,090.40
	OAK SPECIES	585.00	Cd	5.46	3,192.70
	RED OAK	50.00	Cd	15.61	780.50
	PINE SPECIES	960.00	Cd	31.88	30,607.60
	NORWAY PINE	1,180.00	Cd	35.03	41,339.85
	WHITE SPRUCE	170.00	Cd	45.26	7,694.20
	MIXED HARDWOODS	970.00	Cd	21.36	20,719.20
WOODSRUN CORDWOOD	ASPEN SPECIES	90.00	Cd	19.79	1,781.10
	TREMBLING ASPEN	3,085.00	Cd	35.51	109,561.05
	PAPER BIRCH	80.00	Cd	21.42	1,713.60
	MAPLE SPECIES	180.00	Cd	9.69	1,744.20
	NORTHERN HARDWOODS	40.00	Cd	10.56	422.40
	RED MAPLE	40.00	Cd	9.95	397.80
	OAK SPECIES	19.00	Cd	1.29	24.48
	NORWAY PINE	7.00	Cd	12.50	87.50
	MIXED CONIFERS	5.00	Cd	11.63	58.15
	MIXED HARDWOODS	5.00	Cd	7.62	38.10
BIOMASS	ANY LISTED SPECIES (optional)	6,296.00	Tons	-	0.00

TOTAL SOLD TRACTS CONVERTED TO CORDS: 12,385.00
TOTAL APPRAISED DOLLAR VALUE OF SOLD TRACTS: \$ 213,561.43
TOTAL BID-UP DOLLAR VALUE OF SOLD TRACTS: \$ 344,812.98
TOTAL ACRES SOLD: 584.0
SOLD TRACT NUMBERS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16
TOTAL NUMBER OF TRACTS SOLD: 15

SUMMARY FOR UNSOLD TRACTS

PRODUCT	SPECIES	TOTAL VOLUME	UNIT	APPRAISED AVERAGE UNIT PRICE	APPRAISED \$ VALUE
WOODSRUN CORDWOOD	TREMBLING ASPEN	200.00	Cd	19.79	3,958.00
	WHITE PINE	5.00	Cd	11.31	56.55
	MIXED HARDWOODS	17.00	Cd	9.69	164.73

TOTAL UNSOLD TRACTS CONVERTED TO CORDS: 222.00
TOTAL APPRAISED DOLLAR VALUE OF UNSOLD TRACTS: \$ 4,179.28
TOTAL ACRES UNSOLD: 11.0
UNSOLD TRACT NUMBER: 15
TOTAL NUMBER OF TRACTS UNSOLD: 1