REGULAR AUCTION
UNSOLD TRACTS AVAILABLE FOR OVER-THE-COUNTER PURCHASE

On the next regular business day (8:00 AM - 4:30 PM, Monday - Friday, except holidays) after the date of a Regular Auction timber sale, unsold tracts may be available for over-the-counter (OTC) purchase at the appraised price for a period up to one year. The unsold tracts listed in this notice are currently available for purchase. To purchase an unsold tract, contact the Forestry Area where the tract is located (contact information is listed below).

<table>
<thead>
<tr>
<th>RAN</th>
<th>FORESTRY OFFICE</th>
<th>ADDRESS</th>
<th>PHONE</th>
<th>PERMIT(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>111</td>
<td>Bemidji Area Forestry Office</td>
<td>2220 Bemidji Ave N., Bemidji, MN 56601-3896</td>
<td>218-308-2065</td>
<td>B014323, B014329</td>
</tr>
<tr>
<td>121</td>
<td>Warroad Area Forestry Office</td>
<td>804 Cherne Drive NW, Warroad, MN 56763-2407</td>
<td>218-386-1304</td>
<td>B014097, B014349, B014312, B014311, B014310, B014148, B014146, B014110, B014109, B014107, B014100</td>
</tr>
<tr>
<td>131</td>
<td>Baudette Area Forestry Office</td>
<td>206 Main Street E., Baudette, MN 56623</td>
<td>218-634-2172</td>
<td>B014267, B014301, B014312, B014311, B014310, B014148, B014146, B014110, B014109, B014107, B014100</td>
</tr>
<tr>
<td>142</td>
<td>Backus Area Forestry Office</td>
<td>P.O. Box 6, Backus, MN 56435</td>
<td>218-947-3232</td>
<td>B014058, B014240</td>
</tr>
<tr>
<td>221</td>
<td>Deer River Area Forestry Office</td>
<td>P.O. Box 157 (403 Division St.), Deer River, MN 56636-011</td>
<td>218-246-8343</td>
<td>B014068, B014227, B014226, B014224, B014223, B014219, B014216, B014215, B014280, B014167</td>
</tr>
<tr>
<td>232</td>
<td>Aitkin Area Forestry Office</td>
<td>1200 Minnesota Avenue S., Aitkin, MN 56431</td>
<td>218-429-3011</td>
<td>B014139, B014140</td>
</tr>
<tr>
<td>245</td>
<td>Tower Area Forestry Office</td>
<td>650 highway 169, Tower, MN 55790</td>
<td>218-300-7821</td>
<td>B014071, B014260, B014283, B014074</td>
</tr>
<tr>
<td>251</td>
<td>Cloquet Area Forestry Office</td>
<td>1604 S. Hwy 33, Cloquet, MN 55720</td>
<td>218-878-5641</td>
<td>B014095, B014175, B014173, B014169, B014282, B014281, B014093</td>
</tr>
<tr>
<td>253</td>
<td>Two Harbors Area Forestry Office</td>
<td>1568 Highway 2, Two Harbors, MN 55616</td>
<td>218-834-1420</td>
<td>B014122, B014317, B014316, B014124</td>
</tr>
<tr>
<td>261</td>
<td>Littlefork Area Forestry Office</td>
<td>P.O. Box 65 (421 3rd Ave), Littlefork, MN 56653</td>
<td>218-278-6651</td>
<td>B014284, B014255, B014253, B014251, B014249</td>
</tr>
<tr>
<td>341</td>
<td>Lewiston Area Forestry Office</td>
<td>P.O. Box 279, Lewiston, MN 55952</td>
<td>507-522-5060</td>
<td>B014187, B014208, B014207, B014206, B014203, B014200, B014198, B014196, B014194, B014192, B014191, B014188</td>
</tr>
<tr>
<td>344</td>
<td>Sandstone Area Forestry Office</td>
<td>613 Hwy 23 S., Sandstone, MN 55072</td>
<td>320-245-6789</td>
<td>B014155, B014265, B014264, B014232, B014229, B014228</td>
</tr>
</tbody>
</table>

Information regarding SFI ® and FSC © certification is located in the individual tract listings.

The following pages list the lands upon which the timber is located, the estimated quantities of timber that are offered, and the appraised prices. Full details of harvest specifications are included in a permit's Timber Appraisal Report; only the season of operations, sale conditions, and marketing conditions from the appraisal are included in this notice.

Unsold tracts from Regular Auctions are listed first in this notice, followed by unsold tracts from Intermediate Auctions. Tracts are listed in order by Forestry Office and Permit Number.
MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY
REGULAR AUCTION
UNSOLD TRACTS AVAILABLE FOR OVER-THE-COUNTER PURCHASE

TERMS OF SALE
- The auction sales(s) was held according to Minnesota Statutes § 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 the responsible bidder who pays the appraised price for all timber species advertised on each unsold tract.

REGISTRATION AND ELIGIBLE BIDDERS
- Interested persons must be registered at least four (4) business days prior to the purchase of an unsold tract by submitting an Annual Timber Sales Purchaser Registration form. No bid purchase will be allowed from anyone having a delinquent timber sale 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)].

DOWN PAYMENT
- Purchasers of timber must pay a down payment of fifteen (15) percent of the appraised value of the timber at the time of purchase. 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 purchase, 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.

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. 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, 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 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 purchase 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.

(Terms Revised 06/14/2015)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

REGULAR AUCTION

B014323  COUNTY: CLEARWATER  AREA: BEMIDJI AREA  ACRES: 58.0

Permit Number: B014323  Permit Expiration Date: 05/31/2022  Original Sale Date: 06/12/2019 (Sale #1, tract B6)

OTC Purchase End Date: 06/12/2020

NWSW of Section 25; NESW,NWSW,SESW,SWNW,SWSE,SWSW of Section 24 - Township 145, Range 38W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>590.00</td>
<td>Cd</td>
<td>8.80</td>
<td>5,192.00</td>
<td>8.80</td>
<td>5,192.00</td>
<td></td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>425.00</td>
<td>Cd</td>
<td>16.60</td>
<td>7,055.00</td>
<td>16.60</td>
<td>7,055.00</td>
<td></td>
</tr>
<tr>
<td>+ SPRUCE-BALSAM</td>
<td>PULP &amp; BOLTS</td>
<td>61.00</td>
<td>Cd</td>
<td>13.70</td>
<td>835.70</td>
<td>13.70</td>
<td>835.70</td>
<td></td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 13,082.70
ADVANCE PAYMENT = $ 1,962.41
BID TOTAL = $ 13,082.70

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

| ANY LISTED SPECIES | BIOMASS | 680.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 52%; Trembling Aspen 48%.
Spruce-Balsam Pulp & Bolts includes: Balsam Fir 74%; White Spruce 26%.

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 35%; Pulpwood 65%.
Spruce-Balsam Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

Season of Operations:

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

Sale Conditions:

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

Marketing Conditions:

Sale is located approx. 4 miles northwest of Zerkel, MN.

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

David Fraundorf

(Appraisal ID 14859-0; Cutting Block ID 16843-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

REGULAR AUCTION

B014329 COUNTY: KOOCHICHING
          AREA: BEMIDJI AREA
          ACRES: 331.0

Permit Number: B014329
Permit Expiration Date: 05/31/2023
Original Sale Date: 06/12/2019 (Sale #1, tract B12)
OTC Purchase End Date: 06/12/2020

GL03,GL04,NESE,NESW,NWSE,SESE,SESW,SWSE of Section 7; NESW,NWSW,SESW of Section 8;
NENE,NENW,NWNE,SENE,SENE,NWE,SWSW of Section 18; NWNW of Section 17 - Township 154, Range 28W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>3,800.00</td>
<td>Cd</td>
<td>10.50</td>
<td>39,900.00</td>
<td>10.50</td>
<td>39,900.00</td>
<td></td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>1,200.00</td>
<td>Cd</td>
<td>4.20</td>
<td>5,040.00</td>
<td>4.20</td>
<td>5,040.00</td>
<td></td>
</tr>
<tr>
<td>WHITE CEDAR</td>
<td>PULPWOOD</td>
<td>600.00</td>
<td>Cd</td>
<td>4.20</td>
<td>2,520.00</td>
<td>4.20</td>
<td>2,520.00</td>
<td></td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>350.00</td>
<td>Cd</td>
<td>8.40</td>
<td>2,940.00</td>
<td>8.40</td>
<td>2,940.00</td>
<td></td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>120.00</td>
<td>Cd</td>
<td>8.40</td>
<td>1,008.00</td>
<td>8.40</td>
<td>1,008.00</td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 51,408.00**

<table>
<thead>
<tr>
<th>BID SPECIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
</tr>
<tr>
<td>BIOMASS</td>
</tr>
<tr>
<td>2,240.00</td>
</tr>
<tr>
<td>Tons</td>
</tr>
<tr>
<td>1.00</td>
</tr>
<tr>
<td>0.00</td>
</tr>
</tbody>
</table>

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

**Season of Operations:**
- Conduct sale operations on 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:**
From Kelliher go 8 miles north to Lost River Road. Go 10 miles east, just past Lost River crossing. Go about 6 miles north on winter roads.

Will require 6 miles of winter road maintenance. Contact forester to discuss other access options. A snow/ice bridge will be needed to cross Tamarac River. Some scattered infestations of tamarack bark beetle throughout sale.

Price reduced 30% due to access, bark beetle, and dwarf mistletoe

Sale expiration extended to 4 seasons due to sale size

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Michael R. Bates

(Appraisal ID 14921-0; Cutting Block ID 17390-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

REGULAR AUCTION

B014097  COUNTY: BELTRAMI  AREA: WARROAD AREA  ACRES: 79.0

Permit Number: B014097
Permit Expiration Date: 05/31/2021
Original Sale Date: 12/11/2018 (Sale #1, tract B2)
OTC Purchase End Date: 12/11/2019

NESE,NESW,NWSE,NWSW,SENE,SESW,SWSE,SWSW of Section 36 - Township 155, Range 36W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>555.00</td>
<td>Cd</td>
<td>9.05</td>
<td>5,022.75</td>
<td>9.05</td>
<td>5,022.75</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>91.00</td>
<td>Cd</td>
<td>9.75</td>
<td>887.25</td>
<td>9.75</td>
<td>887.25</td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
<td>89.00</td>
<td>Cd</td>
<td>15.40</td>
<td>1,370.60</td>
<td>15.40</td>
<td>1,370.60</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>87.00</td>
<td>Cd</td>
<td>17.75</td>
<td>1,544.25</td>
<td>17.75</td>
<td>1,544.25</td>
</tr>
<tr>
<td>+ BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>67.00</td>
<td>Cd</td>
<td>12.75</td>
<td>854.25</td>
<td>12.75</td>
<td>854.25</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 9,679.10
ADVANCE PAYMENT = $ 1,451.87
BID TOTAL = $ 9,679.10

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
<th>BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>600.00</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 9%; Trembling Aspen 91%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
Balsam Fir Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

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

Sale Conditions:
- Access is across State land.
- Notice to begin harvest must be given at least five working days prior to the date they will commence operations due to recreation trail. An on-site meeting must occur prior to harvest operations.

Marketing Conditions:
Primary miles 63, trail miles 3 to Solway.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Rebecca Ann Rickaby

(Appraisal ID 14150-0; Cutting Block ID 16532-0)

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
## Regular Auction

**Permit Number:** B014100  
**County:** MARSHALL  
**Area:** WARROAD AREA  
**Acres:** 49.0  
**Original Sale Date:** 12/11/2018 (Sale #1, tract B5)  
**OTC Purchase End Date:** 12/11/2019  
**Permit Expiration Date:** 05/31/2021

NENE, SENE of Section 11; NESE, NWSE, SENE, SWNE of Section 13 - Township 158, Range 42W.  
NWSW, SWSW of Section 9; GL01, GL02, NENW, NWNE, SENW of Section 16 - Township 158, Range 41W.

### Appraised vs. Bid

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>WOODSRUN CORDWOOD</td>
<td>430.00</td>
<td>Cd</td>
<td>2.40</td>
<td>1,032.00</td>
<td>2.40</td>
<td>1,032.00</td>
<td></td>
</tr>
</tbody>
</table>

**Appraised Total =** $1,032.00  
**Advance Payment =** $154.80  
**Bid Total =** $1,032.00

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

- **ANY LISTED SPECIES**  
- **BIOMASS**  

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>195.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

### Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 7%; Trembling Aspen 93%.

### Season of Operations:

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

### Sale Conditions:

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

### Marketing Conditions:

- **158-42 Section 13:** 14 acres 6.8 cords/acre requires 2 miles trail improvement and crosses private land.  
- **158-42 Section 11:** 8 acres 7 cords/acre: Access must be across ditch grade and ditch  
- **158-41 Section 16:** 19 acres 8 cords/acre. Wildlife burn unit 75%+ Fire damaged up to 6 feet.  
- **158-41 Section 9:** 9 acres 14 cords/acre. Keep drainage on east side free of logging residue.  
- Distance to nearest mill: 3 miles secondary/95 miles primary to Solway (98 Total)

### Certification Note:

The timber on this tract is SFI and FSC certified.

### Appraiser:

Todd Andrew Lewis  
(Appraisal ID 13459-0; Cutting Block ID 15733-0)
B014107 COUNTY: KITTSON AREA: WARROAD AREA ACRES: 26.0

Permit Number: B014107
Permit Expiration Date: 05/31/2021

Original Sale Date: 12/11/2018 (Sale #1, tract B12)
OTC Purchase End Date: 12/11/2019

NWSE,SESE,SWSE of Section 36 - Township 161, Range 45W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>430.00</td>
<td>Cd</td>
<td>2.35</td>
<td>1,010.50</td>
<td>2.35</td>
<td>1,010.50</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $1,010.50

**ADVANCE PAYMENT =** $151.58

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>190.00 Tons</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 10%; Trembling Aspen 90%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
1 mile secondary/ 133 mile primary to Solway
1 mile secondary/ 172 miles primary to International Falls

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Todd Andrew Lewis

(SPECIES KEY: * BID SPECIES,  + SOLD ON APPRAISED VOLUME)
### UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

**B014109**

**COUNTY:** ROSEAU  
**AREA:** WARROAD AREA  
**ACRES:** 140.3

- **Permit Number:** B014109  
- **Permit Expiration Date:** 05/31/2021  
- **Original Sale Date:** 12/11/2018 (Sale #1, tract B14)  
- **OTC Purchase End Date:** 12/11/2019

NESW,NWSE,SWSE of Section 7; GL01 of Section 4 - Township 162, Range 43W.  
NENE of Section 36 - Township 163, Range 44W.  
GL01,GL02,GL07,NWNE,SWNE of Section 36; GL01,GL05,GL06,NENW,NESW,SENW of Section 31;  
NENW,NWNW,SENW,SN NW of Section 32 - Township 163, Range 43W.

<table>
<thead>
<tr>
<th><strong>SPECIES</strong></th>
<th><strong>PRODUCT</strong></th>
<th><strong>VOLUME</strong></th>
<th><strong>UNIT</strong></th>
<th><strong>UNIT PRICE</strong></th>
<th><strong>$ VALUE</strong></th>
<th><strong>BID</strong></th>
<th><strong>UNIT PRICE</strong></th>
<th><strong>$ VALUE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>1,925.00</td>
<td>Cd</td>
<td>2.50</td>
<td>4,812.50</td>
<td>2.50</td>
<td>4,812.50</td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $4,812.50  
**ADVANCE PAYMENT =** $721.88  
**BID TOTAL =** $4,812.50

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

- ANY LISTED SPECIES  
  **BIOMASS**  
  **VOLUME:** 1,140.00  
  **UNIT:** Tons  
  **UNIT PRICE:** 1.00  
  **$ VALUE:** 0.00

**Mixed Species Description:**

Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.

**Season of Operations:**

- Conduct all sale operations on frozen soil conditions only, except with written permission from State.  
- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve.

**Sale Conditions:**

- Access is across state land.

**Marketing Conditions:**

Approximately 17 (5 miles gravel) miles of township roads, then 136 mile to International Falls, MN or 131 miles to Bemidji, MN.  
5% of trees have fire scarring in the bottom 3'.  
Best access to NW stands is from the south.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Sarah Elizabeth Brown

(Appraisal ID 12622-0; Cutting Block ID 16376-0)

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
**REGULAR AUCTION**

**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

---

**B014110**

**COUNTY: KITTSON**

**AREA: WARROAD AREA**

**ACRES: 136.6**

---

Permit Number: B014110

Permit Expiration Date: 05/31/2021

Original Sale Date: 12/11/2018 (Sale #1, tract B15)

OTC Purchase End Date: 12/11/2019

NENE,NWNE,NWNW,NWSE,SENE,SENW,SESE,SWNE,SWNW of Section 15; NWNW,SWSW of Section 14; NENE,NENW,NWNE,NWNW,SENE of Section 16 - Township 162, Range 45W.

---

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>WOODSRUN CORDWOOD</td>
<td>1,500.00</td>
<td>Cd</td>
<td>2.40</td>
<td>3,600.00</td>
<td>2.40</td>
<td>3,600.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 3,600.00**

**ADVANCE PAYMENT = $ 540.00**

**BID TOTAL = $ 3,600.00**

---

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

ANY LISTED SPECIES BIOMASS 1,115.00 Tons 1.00 0.00

---

Mixed Species Description:

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 14%; Trembling Aspen 86%.

---

Season of Operations:

- Frozen ground access only.

---

Sale Conditions:

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

---

Marketing Conditions:

Aspen averages 3-5 sticks; 6-8" dbh.

Sale is located in Kittson County (Peatland Township); 2 miles west of the intersection of Roseau County 7 and 310th Street; on the north side of the ditch.

3 miles ditch grade, 25 miles secondary road, 122 miles primary road to Solway, MN.

---

Certification Note:

The timber on this tract is SFI and FSC certified.

---

Appraiser:

Sarah Elizabeth Brown

(Appraisal ID 10874-0; Cutting Block ID 12822-0)

---

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
B014146  COUNTY: BELTRAMI  AREA: WARROAD AREA  ACRES: 124.3

Permit Number: B014146
Permit Expiration Date: 05/31/2022
Original Sale Date: 01/10/2019 (Sale #3, tract B8)
OTC Purchase End Date: 01/10/2020

NENW,NWNE,SENW,SWNE of Section 36; NESW,NWSE,NWSW,SESW,SWSE,SWSW of Section 25 - Township 155, Range 34W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>FUELWOOD</td>
<td>1,735.0</td>
<td>Cd</td>
<td>2.50</td>
<td>4,337.50</td>
<td>2.50</td>
<td>4,337.50</td>
<td></td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 4,337.50
ADVANCE PAYMENT = $ 650.63
BID TOTAL = $ 4,337.50

Season of Operations:
- Frozen ground access only.
- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve.

Sale Conditions:
- Access is across state land.
- Notice to begin harvest must be given at least five working days prior to the date they will commence operations due to recreation trail. An onsite meeting must occur prior to sale operations.

Marketing Conditions:
Trail miles = 15 / primary miles = 63 to Bemidji
Trail miles = 15 / primary miles = 175 to International Falls

15 miles of winter trail to plow.
Preferred access is down the reservation line snowmobile trails east of Thorhult.
Tamarack salvage sale. Tamarack mortality from bark beetle is 75% in March 2018.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Rebecca Ann Rickaby

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
B014148  COUNTY: MARSHALL  AREA: WARROAD AREA  ACRES: 64.0

 Permit Number: B014148
 Permit Expiration Date: 05/31/2022
 Original Sale Date: 01/10/2019 (Sale #3, tract B10)
 OTC Purchase End Date: 01/10/2020

 NWSE, SWNE of Section 25; NWNW of Section 9; NESW, NWSW of Section 36 - Township 157, Range 39W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>BID PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>WOODSRUN CORDWOOD</td>
<td>1,005.0</td>
<td>Cd</td>
<td>2.45</td>
<td>2,462.25</td>
<td>2.45</td>
<td>2,462.25</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 2,462.25
ADVANCE PAYMENT = $ 369.34
BID TOTAL = $ 2,462.25

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>450.00 Tons</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Woodsrun Cordwood includes: Balm of Gilead 15%; Trembling Aspen 85%.

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

Sale Conditions:
- Access is across state and private land.
- An on-site meeting with the State must occur prior to sale operations. Elk Management Area: No harvesting during Elk hunting season if one is held.

Marketing Conditions:
1 mile secondary/84 miles primary to Solway
1 mile secondary/156 miles to International Falls

Average aspen species # of 8' sticks: 4
Average aspen species DBH: 11"

Elk Management Area: No harvesting during Elk hunting season if one is held.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Josiah Michael Emerson

(Appraisal ID 13577-0; Cutting Block ID 15912-0)
REGULAR AUCTION

UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

B014310 COUNTY: KITTSON AREA: WARROAD AREA ACRES: 291.1

Permit Number: B014310
Permit Expiration Date: 05/31/2022
Original Sale Date: 06/13/2019 (Sale #3, tract B21)
OTC Purchase End Date: 06/13/2020

NESW,NWSE,NWSW,SENW,SESE,SESW,SWSE of Section 2 - Township 162, Range 46W.
SESW,SWNW,SWSW of Section 4 - Township 162, Range 46W.
SESW,SWSE,SWSW of Section 34; SESE,SESW,SESW of Section 33 - Township 163, Range 46W.
GL01,GL02,SENE,SWNE of Section 4; GL02,GL03,GL04,NESW,NWSW,SENW,SESW,SWNW of Section 3 - Township 162, Range 46W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED UNIT PRICE</th>
<th>$ VALUE</th>
<th>BID UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>3,930.00</td>
<td>Cd</td>
<td>1.90</td>
<td>7,467.00</td>
<td>1.90</td>
<td>7,467.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = ** $ 7,467.00
**ADVANCE PAYMENT = ** $ 1,120.05
**BID TOTAL = ** $ 7,467.00

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

| ANY LISTED SPECIES | BIOMASS | 2,325.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 20%; Trembling Aspen 80%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Blocks 1, 2, and 3).

Sale Conditions:
- Access is across state land (Cutting Blocks 1, 2, and 3).

Marketing Conditions:
4 miles of secondary road to plow to 9 miles of primary road north of Lake Bronson. Then 175 miles to International Falls, MN or 128 miles to Solway, MN.

Average 3.5 sticks. Average 7” dbh and 12cds/ac in Block 1 and 2.
Average 9” dbh and 18cds/ac in Block 3.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nic John Arends

(Appraisal ID 10891-0; Cutting Block ID 12792-0, 12783-0, 12793-0)

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
REGULAR AUCTION  
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

B014311  COUNTY: ROSEAU  AREA: WARROAD AREA  ACRES: 15.0

Permit Number: B014311  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 06/13/2019 (Sale #3, tract B22)  
OTC Purchase End Date: 06/13/2020  

NWNE,SWNE of Section 35 - Township 163, Range 37W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORWAY PINE</td>
<td>PULP &amp; BOLTS</td>
<td>140.00</td>
<td>Cd</td>
<td>16.30</td>
<td>2,282.00</td>
<td>16.30</td>
<td>2,282.00</td>
</tr>
<tr>
<td>+ JACK PINE</td>
<td>PULP &amp; BOLTS</td>
<td>20.00</td>
<td>Cd</td>
<td>9.00</td>
<td>180.00</td>
<td>9.00</td>
<td>180.00</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>14.40</td>
<td>72.00</td>
<td>14.40</td>
<td>72.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 2,534.00
ADVANCE PAYMENT = $ 380.10
BID TOTAL = $ 2,534.00

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>70.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Product Description:
Jack Pine Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.  
Norway Pine Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.

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:
The sale is 0.5 miles of secondary road. 2.5 miles of primary to Warroad. 105 miles to International falls.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Mark Allen Mcdonald

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
B014312  COUNTY: KITTSON  AREA: WARROAD AREA  ACRES: 116.1

Permit Number: B014312
Permit Expiration Date: 05/31/2022

Original Sale Date: 06/13/2019 (Sale #3, tract B23)
OTC Purchase End Date: 06/13/2020

NENE,NWNE,NWSW,SENE,SENW,SWNE,SWSW of Section 24; NENE,NWNE,SENE,SWNE of Section 23 - Township 163, Range 46W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>1,080.00</td>
<td>Cd</td>
<td>2.00</td>
<td>2,160.00</td>
<td>2.00</td>
<td>2,160.00</td>
<td></td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $2,160.00
ADVANCE PAYMENT = $324.00
BID TOTAL = $2,160.00

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

ANY LISTED SPECIES  BIOMASS  485.00  Tons  1.00  0.00

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 2%; Trembling Aspen 98%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
2 miles of trail to construct, 2 miles of secondary road, 153 miles primary road to Barwick, 149 miles primary road to Norboard.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Mary R. Kordiak

(Appraisal ID 14161-0; Cutting Block ID 16478-0)
**B014349**  
**COUNTY:** BELTRAMI  
**AREA:** WARROAD AREA  
**ACRES:** 33.2

- **Permit Number:** B014349  
- **Permit Expiration Date:** 05/31/2022  
- **Original Sale Date:** 07/23/2019 (Sale #1, tract B5)  
- **OTC Purchase End Date:** 07/23/2020  
- **SENW,SWNW of Section 11; SESE of Section 19; NWNW of Section 21 - Township 158, Range 37W.**

### APPRAISED  
<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>200.00</td>
<td>Cd</td>
<td>8.25</td>
<td>1,650.00</td>
<td>8.25</td>
<td>1,650.00</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>FUELWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>2.50</td>
<td>162.50</td>
<td>2.50</td>
<td>162.50</td>
</tr>
</tbody>
</table>

**APPRaised TOTAL =** $1,812.50  
**ADVANCE PAYMENT =** $271.88  
**BID TOTAL =** $1,812.50

### Optional Timber (may be purchased with an Added Timber Agreement):  
- ANY LISTED SPECIES  
- BIOMASS  
  - **Volume:** 15.00 Tons  
  - **Bid Price:** 1.00  
  - **Value:** 0.00

**Season of Operations:**  
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**  
- Access is across state land.

**Marketing Conditions:**  
- 36 secondary/83 miles primary to International Falls  
- 21 secondary/ 72 miles primary to Bemidji

- 1.5 mile of snowmobile trail.

**Certification Note:**  
The timber on this tract is SFI and FSC certified.

**Appraiser:**  
Mary R. Kordiak  
(Appraisal ID 14617-0; Cutting Block ID 17072-0)

(SPECIES KEY:  + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
## Regular Auction

### UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

**B014267**  
**COUNTY:** LAKE OF THE WOODS  
**AREA:** BAUDETTE AREA  
**ACRES:** 65.0

- **Permit Number:** B014267  
- **Permit Expiration Date:** 05/31/2023  
- **Original Sale Date:** 06/11/2019 (Sale #6, tract B2)  
- **OTC Purchase End Date:** 06/11/2020

NESE of Section 17; NESE,SESE,SWSE of Section 9; NENE,NESW,NWNE,NWSE,NWSW,SENE,SENW,SWNE,SWNW of Section 16 - Township 157, Range 32W.

### SPECIES

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>722.00</td>
<td>Cd</td>
<td>6.70</td>
<td>4,837.40</td>
<td>6.70</td>
<td>4,837.40</td>
<td></td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>320.00</td>
<td>Cd</td>
<td>6.64</td>
<td>2,124.80</td>
<td>6.64</td>
<td>2,124.80</td>
<td></td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULP &amp; BOLTS</td>
<td>249.00</td>
<td>Cd</td>
<td>15.00</td>
<td>3,735.00</td>
<td>15.00</td>
<td>3,735.00</td>
<td></td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>67.00</td>
<td>Cd</td>
<td>9.00</td>
<td>603.00</td>
<td>9.00</td>
<td>603.00</td>
<td></td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>63.00</td>
<td>Cd</td>
<td>9.60</td>
<td>604.80</td>
<td>9.60</td>
<td>604.80</td>
<td></td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>29.00</td>
<td>Cd</td>
<td>11.25</td>
<td>326.25</td>
<td>11.25</td>
<td>326.25</td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 12,231.25**  
**ADVANCE PAYMENT = $ 1,834.69**  
**BID TOTAL = $ 12,231.25**

---

### Mixed Species Description:

Northern Hardwoods Pulpwood includes: Basswood 60%; Boxelder 10%; Bur Oak 14%; Silver Maple 16%.

### Mixed Product Description:

- **Ash Pulp & Bolts includes:** Bolts 30%; Pulpwood 70%.
- **Paper Birch Pulp & Bolts includes:** Bolts 10%; Pulpwood 90%.
- **Trembling Aspen Pulp & Bolts includes:** Bolts 20%; Pulpwood 80%.

### Season of Operations:

- Conduct all access and harvest operations on frozen soil conditions only, except with written permission from State.

### Sale Conditions:

- Access is across state land.

### Marketing Conditions:

Sale area is 20 miles south of Pitt on the Pitt Grade and Rapid River forest roads. Prices have been reduced for re-offered wood, haul distance and for operations- sale is set up to create larger gaps for increased hardwood reproduction.

### Certification Note:

The timber on this tract is SFI and FSC certified.

### Appraiser:

Dale A. Donoho

(Appraisal ID 13915-0; Cutting Block ID 16539-0)
**Regular Auction**

**B014269**  
**County:** Koochiching  
**Area:** Baudette Area  
**Acres:** 50.0

<table>
<thead>
<tr>
<th>Permit Number: B014269</th>
<th>Permit Expiration Date: 05/31/2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Sale Date: 06/11/2019 (Sale #6, tract B4)</td>
<td>OTC Purchase End Date: 06/11/2020</td>
</tr>
</tbody>
</table>

NENE of Section 20; NENW,NWNE,NWNW,SENW,SWNE of Section 21 - Township 158, Range 28W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ TAMARACK</td>
<td>PULPWOOD</td>
<td>775.00</td>
<td>Cd</td>
<td>3.00</td>
<td>2,325.00</td>
<td>3.00</td>
<td>2,325.00</td>
</tr>
<tr>
<td>+ BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>100.00</td>
<td>Cd</td>
<td>12.75</td>
<td>1,275.00</td>
<td>12.75</td>
<td>1,275.00</td>
</tr>
</tbody>
</table>

**Appraised Total = $3,600.00**  
**Advance Payment = $540.00**  
**Bid Total = $3,600.00**

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE CEDAR</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>5.10</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Season of Operations:**

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

**Sale Conditions:**

- Access is across state, industry and tribal land.  
- Permission to cross industrial and tribal lands land must be obtained by permittee.  
- The sale will expire on May 31, 2021 due to salvage conditions.

**Marketing Conditions:**

Tamarack salvage sale consisting of 70% dead and 30% live as of April 2019 cruise. Tamarack price is blended to reflect this. Tamarack is mostly recently dead with much of it still retaining fine branches.

Sale is located approximately 1.5 miles north of Indian Pines Road. Sale has the Border Snowmobile Trail going directly through the harvest area.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Jonathan Paul Stelter

(Appraisal ID 14776-0; Cutting Block ID 17227-0)
### Unsold Timber Sales - Data as of 07/25/2019

**Regular Auction**

**Permit Number:** B014301
**Permit Expiration Date:** 05/31/2022
**Original Sale Date:** 06/13/2019 (Sale #3, tract B12)
**OTC Purchase End Date:** 06/13/2020

**County:** Lake of the Woods
**Area:** Baudette Area
**Acres:** 152.0

**NWSW, SWNW of Section 35; NENE, NENW, NESW, NWNE, NWNW, SENE, SENW, SWNE, SWNW of Section 34 - Township 157, Range 34W.**

**SWSW of Section 34; NWSW, SWSW of Section 25; SESW, SWSE of Section 35; SWSE of Section 33 - Township 157, Range 34W.**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED UNIT PRICE</th>
<th>$ VALUE</th>
<th>BID UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>1,425.0</td>
<td>Cd</td>
<td>2.00</td>
<td>2,850.00</td>
<td>2.00</td>
<td>2,850.00</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>660.00</td>
<td>Cd</td>
<td>14.64</td>
<td>9,662.40</td>
<td>14.64</td>
<td>9,662.40</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>8.00</td>
<td>Cd</td>
<td>5.25</td>
<td>42.00</td>
<td>5.25</td>
<td>42.00</td>
</tr>
</tbody>
</table>

**Appraised Total = $ 12,554.40**

**Advance Payment = $ 1,883.16**

**Bid Total = $ 12,554.40**

**Mixed Species Description:**
Aspen Species Pulpwood includes: Balm of Gilead 16%; Trembling Aspen 84%.

**Season of Operations:**
- Conduct all harvest operations on frozen soil conditions only, except with written permission from State (Cutting Block 2).
- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Block 1).
- Frozen ground access across state and private land (Cutting Block 2).

**Sale Conditions:**
- Access is across state land (Cutting Block 1).
- Access is across state and private land (Cutting Block 2).
- Permission to cross private land must be obtained by permittee (Cutting Block 2).

**Marketing Conditions:**
Approximately 2 miles of new trail, 13/4 miles of existing trail. 23 miles of forest road adn 7 miles of paved road to Williams. The majority of the sale area is made up of mature aspen surrounded by lowlands.
86 paved miles to IFalls.
44 miles to Erickson Timber Products

Tamarack was approximately 90% dead at time of appraising 3/2018

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Kevin G. Dorow

(Appraisal ID 14562-0; Cutting Block ID 17013-0, 16257-0)

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
REGULAR AUCTION

UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

B014139 COUNTY: CROW WING AREA: BACKUS AREA ACRES: 28.9

Permit Number: B014139
Permit Expiration Date: 05/31/2022

Original Sale Date: 01/10/2019 (Sale #3, tract B1)
OTC Purchase End Date: 01/10/2020

GL01, GL02, GL03 of Section 36 - Township 135, Range 28W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>OAK SPECIES</td>
<td>PULPWOOD</td>
<td>214.00</td>
<td>Cd</td>
<td>12.24</td>
<td>2,619.36</td>
<td>12.24</td>
<td>2,619.36</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>175.00</td>
<td>Cd</td>
<td>16.32</td>
<td>2,856.00</td>
<td>16.32</td>
<td>2,856.00</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>49.00</td>
<td>Cd</td>
<td>8.84</td>
<td>433.16</td>
<td>8.84</td>
<td>433.16</td>
</tr>
<tr>
<td>JACK PINE</td>
<td>PULPWOOD</td>
<td>8.00</td>
<td>Cd</td>
<td>7.48</td>
<td>59.84</td>
<td>7.48</td>
<td>59.84</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 5,968.36**

**ADVANCE PAYMENT = $ 895.25**

**BID TOTAL = $ 5,968.36**

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

- ANY LISTED SPECIES BIOMASS 258.00 Tons 1.00 0.00

Mixed Species Description:
 Aspen Species Pulpwood includes: Largetooth Aspen 10%; Trembling Aspen 90%.
 Northern Hardwoods Pulpwood includes: Paper Birch 16%; Red Maple 84%.
 Oak Species Pulpwood includes: Bur Oak 1%; Red Oak 99%.

Season of Operations:
- Conduct sale operation on frozen soil conditions only, except with written permission from State.
- Frozen ground access across state or private.

Sale Conditions:
- Access is across State or private land.

Marketing Conditions:
This sale is a re-offer. Access is off of Crystal Lake Road east of Merrifield. Frozen ground access across 0.1 miles of lowland grass will need to be froze down. Upland private access maybe possible.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Jacob Corty

(Appraisal ID 13622-0; Cutting Block ID 15991-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

REGULAR AUCTION

B014140  COUNTY: CROW WING  AREA: BACKUS AREA  ACRES: 11.5

Permit Number: B014140
Permit Expiration Date: 05/31/2022

Original Sale Date: 01/10/2019 (Sale #3, tract B2)
OTC Purchase End Date: 01/10/2020

SESW of Section 16; NENE of Section 20 - Township 138, Range 25W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>145.00</td>
<td>Cd</td>
<td>10.26</td>
<td>1,487.70</td>
<td>10.26</td>
<td>1,487.70</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>118.00</td>
<td>Cd</td>
<td>21.60</td>
<td>2,548.80</td>
<td>21.60</td>
<td>2,548.80</td>
</tr>
<tr>
<td>NORTHERN</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>10.80</td>
<td>108.00</td>
<td>10.80</td>
<td>108.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 4,144.50**
**ADVANCE PAYMENT = $ 621.68**
**BID TOTAL = $ 4,144.50**

Mixed Species Description:
Aspen Species Pulpwood includes: Largetooth Aspen 10%; Trembling Aspen 90%.
Northern Hardwoods Pulpwood includes: Paper Birch 40%; Red Maple 60%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.
- Frozen ground access across private.
- No sale operations allowed during firearms / muzzleloader deer seasons on SW portion of sale.

Sale Conditions:
- Access is across private and county land.
- Permission to cross private and county land must be obtained by permittee.

Marketing Conditions:
Sale is located east of Emily, partially within the Duck Lake WMA.
County timber sale is adjacent to this timber sale.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Brody J. Geiselman

(Appraisal ID 13948-0; Cutting Block ID 16321-0)

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
B014058  COUNTY: ITASCA  AREA: DEER RIVER AREA  ACRES: 405.3

Permit Number: B014058
Permit Expiration Date: 05/31/2022

Original Sale Date: 12/05/2018 (Sale #1, tract B3)
OTC Purchase End Date: 12/05/2019

SESE, SWSE of Section 29; NENW, NESW, NWNW, NWSW, SENW, SESW, SWNW, SWSE, SWSW of Section 33;
NENE, NESE, NWNE, NWW, NWSE, SENE, SESE, SWNE of Section 32; SESW, SWSW of Section 28 - Township 147, Range 26W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORWAY PINE</td>
<td>WOODSRUN SAWTIMBER (SOFTWOOD ONLY)</td>
<td>35.00</td>
<td>MBF</td>
<td>102.00</td>
<td>3,570.00</td>
<td>102.00</td>
<td>3,570.00</td>
<td></td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>4,590.00</td>
<td>Cd</td>
<td>5.10</td>
<td>23,409.00</td>
<td>5.10</td>
<td>23,409.00</td>
<td></td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>1,520.00</td>
<td>Cd</td>
<td>16.15</td>
<td>24,548.00</td>
<td>16.15</td>
<td>24,548.00</td>
<td></td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>320.00</td>
<td>Cd</td>
<td>20.40</td>
<td>6,528.00</td>
<td>20.40</td>
<td>6,528.00</td>
<td></td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
<td>165.00</td>
<td>Cd</td>
<td>15.98</td>
<td>2,636.70</td>
<td>15.98</td>
<td>2,636.70</td>
<td></td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>40.00</td>
<td>Cd</td>
<td>9.08</td>
<td>363.20</td>
<td>9.08</td>
<td>363.20</td>
<td></td>
</tr>
</tbody>
</table>

Appraised Total = $ 61,054.90
Advance Payment = $ 9,158.24
Bid Total = $ 61,054.90

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

- ANY LISTED SPECIES, BIOMASS
  - 2,425.00 Tons
  - 0.85
  - 0.00

Mixed Species Description:
Northern Hardwoods Pulpwood includes: Ash 25%; Paper Birch 57%; Red Maple 18%.

Mixed Product Description:
Balsam Fir Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Norway Pine Woodsrun Sawtimber (Softwood only) includes: Pulpwood 10%; Sawlog-Grade 3 90%.

Season of Operations:
- Upland timber may be accessible during dry conditions. Remaining harvest area will require frozen soil conditions.

Sale Conditions:
- Access is across USFS and State land.

Marketing Conditions:
Northern third of lowland cutting unit is significantly infested with eastern larch bark beetle. Consider harvesting the tamarack early in the contract to maximize salvage of this species.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Daniel D. Hertle

(SPECIES KEY: * BID SPECIES,   * SOLD ON APPRAISED VOLUME)
### B014240 - COUNTY: KOOCHICHING  
**AREA: DEER RIVER AREA**  
**ACRES: 264.0**

**Permit Number:** B014240  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 06/04/2019 (Sale #1, tract B3)  
**OTC Purchase End Date:** 06/04/2020  
**GL04 of Section 19; GL01,GL02,GL03,NENW,NWNE,SENW,SWNE of Section 30 - Township 152, Range 26W.**  
**SESE of Section 24; NENE,SENE of Section 25 - Township 152, Range 27W.**

**Mixed Product Description:**
- Balsam Fir Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
- Black Spruce Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.
- Paper Birch Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
- Tamarack Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

**Marketing Conditions:**
- Permit is located on Utility Road 377 approximately 2.5 miles northeast of County Road 25.
- 20% of tamarack volume is affected by eastern larch beetle or windthrow. The affected trees are concentrated in the NW portion of the harvest area.

**Certification Note:**
- The timber on this tract is SFI and FSC certified.

**Appraiser:**
- Lori Ann Barrow

---

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>2,325.00</td>
<td>Cd</td>
<td>18.76</td>
<td>43,617.00</td>
<td>18.76</td>
<td>43,617.00</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULP &amp; BOLTS</td>
<td>1,000.00</td>
<td>Cd</td>
<td>5.56</td>
<td>5,560.00</td>
<td>5.56</td>
<td>5,560.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>95.00</td>
<td>Cd</td>
<td>13.87</td>
<td>1,317.65</td>
<td>13.87</td>
<td>1,317.65</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
<td>50.00</td>
<td>Cd</td>
<td>15.20</td>
<td>760.00</td>
<td>15.20</td>
<td>760.00</td>
</tr>
<tr>
<td>WHITE CEDAR</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>5.70</td>
<td>28.50</td>
<td>5.70</td>
<td>28.50</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 51,283.15**  
**ADVANCE PAYMENT = $ 7,692.47**  
**BID TOTAL = $ 51,283.15**
<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED OAK</td>
<td>SAWTIMBER</td>
<td>11.00</td>
<td>MBF</td>
<td>155.00</td>
<td>1,705.00</td>
</tr>
<tr>
<td>NORWAY PINE</td>
<td>SAWTIMBER</td>
<td>10.00</td>
<td>MBF</td>
<td>150.00</td>
<td>1,500.00</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>60.00</td>
<td>Cd</td>
<td>28.80</td>
<td>1,728.00</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULP &amp; BOLTS</td>
<td>35.00</td>
<td>Cd</td>
<td>19.82</td>
<td>693.70</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $5,626.70

**ADVANCE PAYMENT =** $844.01

**BID TOTAL =** $5,626.70

**Mixed Species Description:**
Aspen Species Pulp & Bolts includes: Largetooth Aspen 5%; Trembling Aspen 95%.  
Northern Hardwoods Pulp & Bolts includes: Paper Birch 48%; Red Maple 4%; Red Oak 48%.

**Mixed Product Description:**
Aspen Species Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.  
Northern Hardwoods Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.

**Sale Conditions:**
- Access is across private land.  
- Permission to cross private land must be obtained by permittee.

**Marketing Conditions:**
This sale is located just west of McGregor on 257th Avenue.  
Access is across private land. The saw timber oak and pine is of good size and quality. Marked pine diameter 18 inch plus.

Cruised by Brian Pisarek

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Steven Anthony Sovinski
B014167  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 25.2

Permit Number: B014167
Permit Expiration Date: 02/08/2020
Original Sale Date: 02/08/2019 (Sale #1, tract B1)
OTC Purchase End Date: 02/08/2020

GL01 of Section 10 - Township 51, Range 23W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ MISCHELANEOUS</td>
<td>BIOMASS</td>
<td>2,290.00</td>
<td>Tons</td>
<td>1.00</td>
<td>2,290.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 2,290.00
ADVANCE PAYMENT = $ 343.50
BID TOTAL = $ 2,290.00

Mixed Species Description:
Miscellaneous Biomass includes: Ash 1%; Balsam Fir 1%; Basswood 8%; Paper Birch 8%; Red Maple 3%; Sugar Maple 12%; Trembling Aspen 67%.

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

Sale Conditions:
- Access is across private and county land.
- Permission to cross private and county land must be obtained by permittee.

Marketing Conditions:
This is a blow down salvage sale from a windstorm on July 21, 2016. The price of the aspen has been reduced from $24/cord to $2.25/cord. The price of the northern hardwoods have been reduced to $2.00/cord. Access is through private and county land. The pre-existing trail that comes close to the sale area goes through a tamarack and black spruce swamp, so this will have to be a winter sale. 1 year sale due to salvage.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Steven Anthony Sovinski

(Appraisal ID 12621-0; Cutting Block ID 14760-0)
B014215  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 11.3

Permit Number: B014215  Permit Expiration Date: 05/31/2022  
Original Sale Date: 05/20/2019 (Sale #1, tract B4)  OTC Purchase End Date: 05/20/2020

NESW,NWSE,SWNE of Section 28 - Township 45, Range 23W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>220.00</td>
<td>Cd</td>
<td>6.37</td>
<td>1,401.40</td>
<td>6.37</td>
<td>1,401.40</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>3.00</td>
<td>Cd</td>
<td>9.60</td>
<td>28.80</td>
<td>9.60</td>
<td>28.80</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>2.00</td>
<td>Cd</td>
<td>8.80</td>
<td>17.60</td>
<td>8.80</td>
<td>17.60</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 1,447.80  
ADVANCE PAYMENT = $ 217.17  
BID TOTAL = $ 1,447.80

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

| ANY LISTED SPECIES | BIOMASS | 170.00 | Tons | 1.00 | 0.00 |

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 12%; Pulpwood 88%.

Season of Operations:
- Conduct all sale operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale is located off the East White Pine Forest Road. Less than a mile north of Dad's Corner (Hwy 2 and 65) and 19 miles south of the intersection of Hwy 210 and 65.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Steven Anthony Sovinski (Appraisal ID 13737-0; Cutting Block ID 16103-0)
B014216  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 71.0

Permit Number: B014216  Permit Expiration Date: 05/31/2022  Original Sale Date: 05/20/2019 (Sale #1, tract B5)  OTC Purchase End Date: 05/20/2020

NENW,NWNW,SWNW of Section 30 - Township 45, Range 27W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ RED OAK</td>
<td>WOODSRUN MIXED</td>
<td>285.00</td>
<td>Cd</td>
<td>27.60</td>
<td>7,866.00</td>
</tr>
<tr>
<td>+ MAPLE SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>213.00</td>
<td>Cd</td>
<td>12.16</td>
<td>2,590.08</td>
</tr>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>105.00</td>
<td>Cd</td>
<td>8.93</td>
<td>937.65</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>105.00</td>
<td>Cd</td>
<td>19.00</td>
<td>1,995.00</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>60.00</td>
<td>Cd</td>
<td>8.45</td>
<td>507.00</td>
</tr>
<tr>
<td>BITTERNUT HICKORY</td>
<td>PULP &amp; BOLTS</td>
<td>20.00</td>
<td>Cd</td>
<td>9.26</td>
<td>185.20</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>10.45</td>
<td>52.25</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 14,133.18  ADVANCE PAYMENT = $ 2,119.98  BID TOTAL = $ 14,133.18

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>BIOMASS</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>395.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulp & Bolts includes: Largetooth Aspen 50%; Trembling Aspen 50%.
Maple Species Pulp & Bolts includes: Red Maple 50%; Sugar Maple 50%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
Aspen Species Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.
Basswood Pulp & Bolts includes: Bolts 27%; Pulpwood 73%.
Bitternut Hickory Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.
Maple Species Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Red Oak Woodsrun Mixed Products includes: Bolts 40%; Pulpwood 50%; Sawlog-Grade 2 (Hardwood) 10%.

Season of Operations:
- Conduct sale operations on dry/ frozen soil conditions only, except with written permission from State.
- Frozen ground access across state.

Sale Conditions:
- Access is across state or private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
Sale is located just south of Birch Lake on the Aitkin County/ Crow Wing County line. Public Access off of Cty Rd 10 and Birch Lake road on the Crow Wing County side and then down the snowmobile trail right to the sale, or private access off of 242nd Lane on the Aitkin County Side.

Wood is of good quality and larger diameter, oak is listed at 10% logs and 40% bolts but the products will likely cut out at a higher percentage than that.

There is potential to cut approximately 40% of the sale during a dry fall if private access is used.

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:

Steven Anthony Sovinski

(Appraisal ID 14554-0; Cutting Block ID 16845-0)
B014219  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 22.0

Permit Number: B014219  Permit Expiration Date: 05/31/2022
Original Sale Date: 05/20/2019 (Sale #1, tract B8)  OTC Purchase End Date: 05/20/2020
NESE,NWSE,SESE,SWSE of Section 34 - Township 48, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>630.00</td>
<td>Cd</td>
<td>17.97</td>
<td>11,321.10</td>
<td>17.97</td>
<td>11,321.10</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>10.00</td>
<td>Cd</td>
<td>9.45</td>
<td>94.50</td>
<td>9.45</td>
<td>94.50</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>10.80</td>
<td>108.00</td>
<td>10.80</td>
<td>108.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>10.00</td>
<td>Cd</td>
<td>13.95</td>
<td>139.50</td>
<td>13.95</td>
<td>139.50</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 11,663.10
ADVANCE PAYMENT = $ 1,749.47
BID TOTAL = $ 11,663.10

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>390.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwod includes: Balm of Gilead 1%; Largetooth Aspen 1%; Trembling Aspen 98%.
Maple Species Pulpwod includes: Red Maple 95%; Sugar Maple 5%.

Mixed Product Description:
Basswood Pulp & Bolts includes: Bolts 50%; Pulpwod 50%.
Paper Birch Pulp & Bolts includes: Bolts 50%; Pulpwod 50%.

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

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

Marketing Conditions:
Sale Location: From the junction of Co Rd 16 and 422nd St take 422nd St east 1.2 miles then continue south on 120th Place 1.2 miles until you meet the snowmobile trail. Then continue 0.5 miles south on the snowmobile trail to the sale.
Some aspen on the sale averages between 4" to 6" in DBH. Other areas average 12" in DBH. Good chipper wood.
Price reduction of -10% is due to operational constraints (winter only).

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nicholas Carl Wilho Lyytinen

(Appraisal ID 14406-0; Cutting Block ID 16852-0)
- REGULAR AUCTION -

UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

B014223  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 9.3

Permit Number: B014223  Permit Expiration Date: 03/31/2022

Original Sale Date: 05/20/2019 (Sale #1, tract B12)  OTC Purchase End Date: 05/20/2020

NENW,NWNW,SWNW of Section 16 - Township 52, Range 23W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>110.00</td>
<td>Cd</td>
<td>9.00</td>
<td>990.00</td>
<td>9.00</td>
<td>990.00</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>100.00</td>
<td>Cd</td>
<td>19.10</td>
<td>1,910.00</td>
<td>19.10</td>
<td>1,910.00</td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>14.00</td>
<td>280.00</td>
<td>14.00</td>
<td>280.00</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULPWOOD</td>
<td>7.00</td>
<td>Cd</td>
<td>7.00</td>
<td>49.00</td>
<td>7.00</td>
<td>49.00</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>7.00</td>
<td>Cd</td>
<td>12.00</td>
<td>84.00</td>
<td>12.00</td>
<td>84.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 3,313.00**

**ADVANCE PAYMENT = $ 496.95**

**BID TOTAL = $ 3,313.00**

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

| ANY LISTED SPECIES | BIOMASS | 155.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 30%; Trembling Aspen 70%.

Maple Species Pulpwood includes: Red Maple 95%; Sugar Maple 5%.

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Sale is located 1/4 mile south of Jacobson off of HWY 65 on the east side.

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Gene Geordan Grell

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
UNSAID TIMBER SALES - DATA AS OF 07/25/2019

REGULAR AUCTION

B014224  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 192.0

Permit Number: B014224  Permit Expiration Date: 05/31/2023
Original Sale Date: 05/20/2019 (Sale #1, tract B13)  OTC Purchase End Date: 05/20/2020

NENE, NENW, NWNE, SENE of Section 20; NESE, NESW, NWSE, SESE, SESW, SWSE, SWSW of Section 17; NESW, NWNW, NWSW, SENW, SNNW of Section 21 - Township 52, Range 24W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ TAMARACK</td>
<td>PULP &amp; BOLTS</td>
<td>3,920.00</td>
<td>Cd</td>
<td>5.40</td>
<td>21,168.00</td>
<td>5.40</td>
<td>21,168.00</td>
<td></td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>80.00</td>
<td>Cd</td>
<td>12.75</td>
<td>1,020.00</td>
<td>12.75</td>
<td>1,020.00</td>
<td></td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 22,188.00
ADVANCE PAYMENT = $ 3,328.20
BID TOTAL = $ 22,188.00

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

- ANY LISTED SPECIES  BIOMASS  1,142.00  Tons  1.00  0.00

Mixed Product Description:
Tamarack Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Winter sale, winter access.

Cruised by Jeff Nelson

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Steven Anthony Sovinski

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

REGULAR AUCTION

B014226  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 25.0

Permit Number: B014226  Permit Expiration Date: 05/31/2020
Original Sale Date: 05/20/2019 (Sale #1, tract B15)
OTC Purchase End Date: 05/20/2020

NESW, SENE, SENW, SWNE of Section 36 - Township 52, Range 26W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>BID UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORWAY PINE</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>100.00</td>
<td>Cd</td>
<td>6.75</td>
<td>675.00</td>
<td>6.75</td>
<td>675.00</td>
</tr>
</tbody>
</table>

**APPRaised TOTAL = $ 675.00**
**ADVANCE PAYMENT = $ 101.25**
**BID TOTAL = $ 675.00**

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

| ANY LISTED SPECIES | BIOMASS | 45.00 | Tons | 1.00 | 0.00 |

**Mixed Product Description:**
Norway Pine Woodsrun Mixed Products includes: Bolts 50%; Pulpwood 50%.

**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:**
Sale Location: South of Hill City on 169, 2.5 miles, then east on 645th lane 1 mile to state forest MMR 1860. Sale is directly off MMR and Northwoods ATV trail.

All timber to be cut is wind damaged from July 2016 storm. Approximately 50% snapped off, 50% standing bent/leaning.

No standing timber charges will be assessed on non-salvageable wood.

Dry summer/fall wood.

Average tree 11", 7 stick.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Matthew P. Huseby

(Appraisal ID 12248-0; Cutting Block ID 14323-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

REGULAR AUCTION

B014227  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 28.0

Permit Number: B014227
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/20/2019 (Sale #1, tract B16)
OTC Purchase End Date: 05/20/2020

NWSW,SENW,SWNE,SWNW of Section 36 - Township 52, Range 27W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>145.00</td>
<td>Cd</td>
<td>17.95</td>
<td>2,602.75</td>
<td>17.95</td>
<td>2,602.75</td>
</tr>
<tr>
<td>+ WHITE SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>50.00</td>
<td>Cd</td>
<td>18.25</td>
<td>912.50</td>
<td>18.25</td>
<td>912.50</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 3,515.25
ADVANCE PAYMENT = $ 527.29
BID TOTAL = $ 3,515.25

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>115.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
<td>0.00</td>
<td></td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 1%; Trembling Aspen 99%.

Mixed Product Description:
White Spruce Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

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

Sale Conditions:
- Access is across state land.
- An on-site meeting with the State must occur prior to sale operations.

Marketing Conditions:
Sale located 2 miles west of Co Rd 29 on Co Rd 67. Minimum maintenance road 1697 goes into state land right into the smaller spruce stand. Snowmobile trail is near the west side of larger spruce stand.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Josiah Michael Emerson

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
**B014280**  
**COUNTY: AITKIN**  
**AREA: AITKIN AREA**  
**ACRES: 16.0**

Permit Number: B014280  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 06/11/2019 (Sale #1, tract B3)  
OTC Purchase End Date: 06/11/2020

NENW,SENW of Section 22 - Township 51, Range 26W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORWAY PINE</td>
<td>PULPWOOD</td>
<td>133.00</td>
<td>Cd</td>
<td>5.40</td>
<td>718.20</td>
<td>5.40</td>
<td>718.20</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>40.00</td>
<td>Cd</td>
<td>11.96</td>
<td>478.40</td>
<td>11.96</td>
<td>478.40</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>3.00</td>
<td>Cd</td>
<td>6.60</td>
<td>19.80</td>
<td>6.60</td>
<td>19.80</td>
</tr>
</tbody>
</table>

**APPRaised TOTAL = $ 1,216.40**  
**ADVANCE PAYMENT = $ 182.46**  
**BID TOTAL = $ 1,216.40**

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

| ANY LISTED SPECIES | BIOMASS | 62.00 | Tons | 0.60 | 0.00 |

**Mixed Species Description:**

Aspen Species Pulpwood includes: Balm of Gilead 2%; Trembling Aspen 98%.

**Season of Operations:**

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

**Sale Conditions:**

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

**Marketing Conditions:**

Located just south of County Hwy 7 and half a mile west of Hwy 169

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Steven Anthony Sovinski

(Appraisal ID 13818-0; Cutting Block ID 16191-0)
B014071  COUNTY: ST. LOUIS  AREA: TOWER AREA  ACRES: 137.0

Permit Number: B014071  Permit Expiration Date: 05/31/2021
Original Sale Date: 12/04/2018 (Sale #1, tract B1)  OTC Purchase End Date: 12/04/2019

GL03, GL04, NESW, SENW, SWNW of Section 3 - Township 63, Range 18W.
GL01, GL02, GL03, NWSE, SENE, SENW, SWNE of Section 4 - Township 63, Range 18W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED PRICE</th>
<th>APPRAISED $ VALUE</th>
<th>BID PRICE</th>
<th>BID $ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORWAY PINE</td>
<td>PULP &amp; BOLTS</td>
<td>760.00</td>
<td>Cd</td>
<td>14.73</td>
<td>11,194.80</td>
<td>14.73</td>
<td>11,194.80</td>
</tr>
<tr>
<td>+ MIXED SPRUCE</td>
<td>PULPWOOD</td>
<td>260.00</td>
<td>Cd</td>
<td>9.50</td>
<td>2,470.00</td>
<td>9.50</td>
<td>2,470.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>55.00</td>
<td>Cd</td>
<td>8.50</td>
<td>467.50</td>
<td>8.50</td>
<td>467.50</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>5.65</td>
<td>56.50</td>
<td>5.65</td>
<td>56.50</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>12.00</td>
<td>120.00</td>
<td>12.00</td>
<td>120.00</td>
</tr>
<tr>
<td>JACK PINE</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>4.50</td>
<td>22.50</td>
<td>4.50</td>
<td>22.50</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $14,331.30
ADVANCE PAYMENT = $2,149.70
BID TOTAL = $14,331.30

Mixed Species Description:
Mixed Spruce Pulpwood includes: Black Spruce 1%; White Spruce 99%.
Northern Hardwoods Pulpwood includes: Paper Birch 70%; Red Maple 30%.

Mixed Product Description:
Norway Pine Pulp & Bolts includes: Bolts 66%; Pulpwood 34%.

Season of Operations:
- Conduct sale operations on dry/frozen soil conditions only, except with written permission from State (Cutting Block 1).
- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Block 2).
- Frozen ground access across state (Cutting Block 2).

Sale Conditions:
- Access is across state land (Cutting Blocks 1 and 2).

Marketing Conditions:
cutting block one is harvestable in the summer; cutting block 2 is harvestable in winter only.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Christine Ann Martin

(Appraisal ID 14260-0; Cutting Block ID 13734-0, 13731-0)
**Regular Auction**

**B014074**

**County:** St. Louis  
**Area:** Tower Area  
**Acres:** 131.0

---

**Permit Number:** B014074  
**Permit Expiration Date:** 05/31/2021  
**Original Sale Date:** 12/04/2018 (Sale #1, tract B4)  
**OTC Purchase End Date:** 12/04/2019  
**NWSW, SWSW of Section 2; NENE of Section 10; NENW, NWNW of Section 11; SESE, SESW, SWSE, SWSW of Section 3 - Township 68, Range 20W.**

---

<table>
<thead>
<tr>
<th><strong>Species</strong></th>
<th><strong>Product</strong></th>
<th><strong>Volume</strong></th>
<th><strong>Unit</strong></th>
<th><strong>Appraised</strong></th>
<th><strong>Bid</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>+ Aspen Species</td>
<td>Pulpwood</td>
<td>893.00</td>
<td>Cd</td>
<td>19.04</td>
<td>17,002.72</td>
</tr>
<tr>
<td>+ Norway Pine</td>
<td>Pulp &amp; Bolts</td>
<td>410.00</td>
<td>Cd</td>
<td>22.08</td>
<td>9,052.80</td>
</tr>
<tr>
<td>+ White Pine</td>
<td>Pulp &amp; Bolts</td>
<td>311.00</td>
<td>Cd</td>
<td>17.20</td>
<td>5,349.20</td>
</tr>
<tr>
<td>Balsam fir</td>
<td>Pulpwood</td>
<td>147.00</td>
<td>Cd</td>
<td>13.60</td>
<td>1,999.20</td>
</tr>
<tr>
<td><strong>Northern hardwoods</strong></td>
<td><strong>Pulpwood</strong></td>
<td>122.00</td>
<td>Cd</td>
<td>7.84</td>
<td>956.48</td>
</tr>
<tr>
<td>Jack Pine</td>
<td>Pulpwood</td>
<td>105.00</td>
<td>Cd</td>
<td>7.20</td>
<td>756.00</td>
</tr>
<tr>
<td>Mixed Spruce</td>
<td>Pulpwood</td>
<td>91.00</td>
<td>Cd</td>
<td>15.20</td>
<td>1,383.20</td>
</tr>
<tr>
<td><strong>Appraised Total</strong> =</td>
<td>$36,499.60</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Advance Payment</strong> =</td>
<td>$5,474.94</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bid Total</strong> =</td>
<td>$36,499.60</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Species</th>
<th>Biomass</th>
<th>Unit</th>
<th>Tons</th>
<th>Price</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any listed species</td>
<td>Biomass</td>
<td>1.058.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

---

**Mixed Species Description:**
- Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.
- Mixed Spruce Pulpwood includes: Black Spruce 23%; White Spruce 77%.
- Northern Hardwoods Pulpwood includes: Ash 68%; Paper Birch 16%; Red Maple 16%.

**Mixed Product Description:**
- Norway Pine Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.
- White Pine Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

**Season of Operations:**
- Frozen ground access across state and industry land.

**Sale Conditions:**
- Access is across State and industry land.

**Marketing Conditions:**
- Parts of sale area are very rough terrain and limited access due to rock ledges and spruce/cedar lowlands.
- Reserve trees are marked with yellow paint.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Edward A. Schoon

(Species Key: + Bid Species, * Sold on Appraised Volume)
### BID

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>3,790.00</td>
<td>Cd</td>
<td>15.00</td>
<td>56,850.00</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>1,220.00</td>
<td>Cd</td>
<td>15.25</td>
<td>18,605.00</td>
</tr>
<tr>
<td>JACK PINE</td>
<td>PULP &amp; BOLTS</td>
<td>1,030.00</td>
<td>Cd</td>
<td>14.90</td>
<td>15,347.00</td>
</tr>
<tr>
<td>NORWAY PINE</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>780.00</td>
<td>Cd</td>
<td>26.50</td>
<td>20,670.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>490.00</td>
<td>Cd</td>
<td>10.50</td>
<td>5,145.00</td>
</tr>
<tr>
<td>WHITE PINE</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>390.00</td>
<td>Cd</td>
<td>16.05</td>
<td>6,259.50</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>320.00</td>
<td>Cd</td>
<td>9.00</td>
<td>2,880.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>200.00</td>
<td>Cd</td>
<td>8.25</td>
<td>1,650.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $ 127,406.50

**ADVANCE PAYMENT =** $ 19,110.98

**BID TOTAL =** $ 127,406.50

### Optional Timber

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

- ANY LISTED SPECIES BIOMASS
  - 3,990.00 Tons
  - 1.00
  - 0.00

### Mixed Species Description:

- Aspen Species Pulpwood includes: Largetooth Aspen 14%; Trembling Aspen 86%.
- Mixed Spruce Pulp & Bolts includes: Black Spruce 92%; White Spruce 8%.

### Mixed Product Description:

- Jack Pine Pulp & Bolts includes: Bolts 57%; Pulpwood 43%.
- Mixed Spruce Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
- Norway Pine Woodsrun Mixed Products includes: Bolts 43%; Pulpwood 22%; Sawtimber (Softwood Only) 35%.
- White Pine Woodsrun Mixed Products includes: Bolts 31%; Pulpwood 52%; Sawtimber (Softwood Only) 17%.

### Season of Operations:

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

### Sale Conditions:

- Access is across USFS and state land.

### Marketing Conditions:

- Sale access is from the south using USFS Rd. 200 and USFS Rd. 1051.

- Sale could also be accessed from the north off of the Hoffman Rd. and existing winter road. Purchaser would be responsible for accessing access across private parcels.

- Sale was appraised by Jeff Rengo, Dave Sopoci, Andrew Broz and Andrew Erickson.

### Certification Note:

- The timber on this tract is SFI and FSC certified.
Appraiser:
Andrew J. Erickson

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
**Regular Auction**

**B014283**
**County: St. Louis**
**Area: Tower Area**
**Acres: 467.0**

- **Permit Number:** B014283
- **Permit Expiration Date:** 05/31/2022
- **Original Sale Date:** 06/11/2019 (Sale #1, tract B6)
- **OTC Purchase End Date:** 06/11/2020

- **NWSE, SWSE of Section 11; NWNE, SWNE of Section 14 - Township 64, Range 19W.**
- **NESW, SSW, SSW of Section 14; NWNE of Section 22; SESE, SWSE of Section 15 - Township 64, Range 19W.**
- **NESW, NWSE, SESE, SWSW, NWNE, SESE of Section 14; NENE, NENW, NWSE, SENW, SSWNW of Section 23; NESE of Section 22 - Township 64, Range 19W.**

<table>
<thead>
<tr>
<th>Species</th>
<th>Product</th>
<th>Volume</th>
<th>Unit</th>
<th>Unit Price</th>
<th>$ Value</th>
<th>Unit Price</th>
<th>$ Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>5,500</td>
<td>Cd</td>
<td>17.00</td>
<td>93,500</td>
<td>17.00</td>
<td>93,500</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>1,300</td>
<td>Cd</td>
<td>10.20</td>
<td>13,282</td>
<td>10.20</td>
<td>13,282</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULPWOOD</td>
<td>850</td>
<td>Cd</td>
<td>14.45</td>
<td>12,282</td>
<td>14.45</td>
<td>12,282</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>500</td>
<td>Cd</td>
<td>9.35</td>
<td>4,675</td>
<td>9.35</td>
<td>4,675</td>
</tr>
<tr>
<td>RED OAK</td>
<td>PULPWOOD</td>
<td>500</td>
<td>Cd</td>
<td>9.00</td>
<td>4,500</td>
<td>9.00</td>
<td>4,500</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>400</td>
<td>Cd</td>
<td>11.90</td>
<td>4,760</td>
<td>11.90</td>
<td>4,760</td>
</tr>
<tr>
<td>NORWAY PINE</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>200</td>
<td>Cd</td>
<td>34.05</td>
<td>6,810</td>
<td>34.05</td>
<td>6,810</td>
</tr>
<tr>
<td>WHITE PINE</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>115</td>
<td>Cd</td>
<td>27.10</td>
<td>3,116</td>
<td>27.10</td>
<td>3,116</td>
</tr>
</tbody>
</table>

**Appraised Total = $142,904.00**

**Advance Payment = $21,435.60**

**Bid Total = $142,904.00**

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

- **Any Listed Species Biomass**
  - Volume: 6,000
  - Unit: Tons
  - Unit Price: 1.00
  - $ Value: 0.00

**Mixed Species Description:**
- Aspen Species Pulpwood includes: Largetooth Aspen 60%; Trembling Aspen 40%.
- Mixed Spruce Pulpwood includes: Black Spruce 86%; White Spruce 14%.

**Mixed Product Description:**
- Norway Pine Woodsrun Mixed Products includes: Bolts 45%; Pulpwood 10%; Sawtimber (Softwood Only) 45%.
- White Pine Woodsrun Mixed Products includes: Bolts 35%; Pulpwood 20%; Sawtimber (Softwood Only) 45%.

**Season of Operations:**
- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State (Cutting Blocks 1, 2, and 3).

**Sale Conditions:**
- Access is across county, state, and USFS land (Cutting Blocks 1, 2, and 3).
- Provisions of access and/or water crossing permits will become part of sale terms and conditions for this sale (Cutting Blocks 1, 2, and 3).
- THIS TIMBER HARVEST PERMIT IS LOCATED ON US FOREST SERVICE LANDS. This state timber permit, authorized by the Minnesota Good Neighbor agreement, may be suspended, modified or cancelled if the Forest Service is required to interrupt or cancel operations due to a court order or to comply with NEPA or other legal sanction (Cutting Blocks 1, 2, and 3).

**Marketing Conditions:**
- Appraised by Andrew Erickson, Jeff Rengo, and Krista Starn.
- Most of the sale area will be summer operable with new road construction. The lowland black spruce areas located in cutting block 3 are winter operable only.

*(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)*
Certification Note:
The timber on this tract is from non-certified land.

Appraiser:
Jeffrey J. Rengo

Appraisal ID 14526-0; Cutting Block ID 17329-0, 16919-0, 17328-0

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
B014093 COUNTY: ST. LOUIS AREA: CLOQUET AREA ACRES: 98.5

Permit Number: B014093
Permit Expiration Date: 05/31/2022

Original Sale Date: 12/13/2018 (Sale #1, tract B2)
OTC Purchase End Date: 12/13/2019

GL01 of Section 25; GL02 of Section 24 - Township 52, Range 16W.
GL07 of Section 19 - Township 52, Range 15W.
NENE of Section 35 - Township 52, Range 16W.

### APPRAISED vs. BID

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>780.00</td>
<td>Cd</td>
<td>11.99</td>
<td>9,352.20</td>
<td>11.99</td>
<td>9,352.20</td>
</tr>
<tr>
<td>+ MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>165.00</td>
<td>Cd</td>
<td>6.00</td>
<td>990.00</td>
<td>6.00</td>
<td>990.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>135.00</td>
<td>Cd</td>
<td>8.50</td>
<td>1,147.50</td>
<td>8.50</td>
<td>1,147.50</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>80.00</td>
<td>Cd</td>
<td>12.68</td>
<td>1,014.40</td>
<td>12.68</td>
<td>1,014.40</td>
</tr>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>50.00</td>
<td>Cd</td>
<td>4.90</td>
<td>245.00</td>
<td>4.90</td>
<td>245.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>50.00</td>
<td>Cd</td>
<td>5.50</td>
<td>275.00</td>
<td>5.50</td>
<td>275.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $13,024.10
**ADVANCE PAYMENT =** $1,953.62
**BID TOTAL =** $13,024.10

#### Mixed Species Description:

- Aspen Species Pulwood includes: Balm of Gilead 1%; Largetooth Aspen 6%; Trembling Aspen 93%.
- Maple Species Pulwood includes: Red Maple 84%; Sugar Maple 16%.
- Mixed Spruce Pulp & Bolts includes: Black Spruce 2%; White Spruce 98%.

#### Mixed Product Description:

- Ash Pulp & Bolts includes: Bolts 10%; Pulwood 90%.
- Mixed Spruce Pulp & Bolts includes: Bolts 53%; Pulwood 47%.

#### Season of Operations:

- Conduct sale operations on dry / froze soil conditions only, except with written permission from State (Cutting Block 1).
- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Blocks 2 and 3).
- Access is across county land (Cutting Blocks 2 and 3).

#### Sale Conditions:

- Access is across county land (Cutting Blocks 2 and 3).
- Access is across state land (Cutting Block 1).
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale (Cutting Blocks 1 and 3).

#### Marketing Conditions:

- Aspen averages 9 inch dbh and 2-4 sticks in height, Balsam Fir averages 8 inch dbh and 1-4 sticks, Mixed Spruce averages 10 inch dbh and 4 sticks. The other Hardwoods average 7 inch dbh and 2 sticks. Price adjusted due to poor quality. This sale is in the Ash Quarantine area contact MN Department of Agriculture for additional information.
- James Kelley Phone# 218-723-4791-ext223

#### Certification Note:

The timber on this tract is SFI and FSC certified.

#### Appraiser:

James G. Kelley
**B014095**  **COUNTY: ST. LOUIS**  **AREA: CLOQUET AREA**  **ACRES: 90.6**

**Permit Number:** B014095  
**Permit Expiration Date:** 05/31/2022

GL04,NESW,NWSE,SESW,SWSE of Section 36 - Township 55, Range 13W.  
GL02,GL03 of Section 36 - Township 55, Range 13W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>BID PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+** PINE SPECIES**</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>715.00</td>
<td>Cd</td>
<td>29.12</td>
<td>20,820.80</td>
<td>29.12</td>
<td>20,820.80</td>
</tr>
<tr>
<td>+** WHITE SPRUCE**</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>145.00</td>
<td>Cd</td>
<td>11.13</td>
<td>1,613.85</td>
<td>11.13</td>
<td>1,613.85</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>WOODSRUN CORDWOOD</td>
<td>95.00</td>
<td>Cd</td>
<td>7.27</td>
<td>690.65</td>
<td>7.27</td>
<td>690.65</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $23,125.30**  
**ADVANCE PAYMENT = $3,468.80**  
**BID TOTAL = $23,125.30**

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

| ANY LISTED SPECIES | BIOMASS | 500.00 | Tons | 0.60 | 0.00 |

**Mixed Species Description:**

Pine Species Woodsrun Mixed Products includes: Norway Pine 97%; White Pine 3%.

**Mixed Product Description:**

Pine Species Woodsrun Mixed Products includes: Bolts 34%; Pulpwood 9%; Sawtimber 57%.

White Spruce Woodsrun Mixed Products includes: Bolts 42%; Pulpwood 58%.

**Season of Operations:**

- Conduct Sale operations from November 1 through March 31 due to Wood Turtle (Cutting Blocks 1 and 2).

**Sale Conditions:**

- Access is across county land (Cutting Block 2).
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale (Cutting Block 2).

**Marketing Conditions:**

Price of White Spruce and Balsam Fir reduced 25% due to Spruce budworm. White Spruce varies from 3 to 6 sticks and 6 to 14 inch dbh. Balsam Fir is 1-4 sticks and 5-9 inch dbh. Pine in the plantation averages 7-8 inch dbh and 4 sticks. The Pine in the natural stands varies from 10-26 inch dbh and 2.5 to 4 logs. First re offer. Price reduced 15% due to re-offer.

James Kelley  Phone# 218-723-4791 ext 223

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

James G. Kelley

(Appraisal ID 13370-0; Cutting Block ID 15600-0, 15599-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

REGULAR AUCTION

B014169 COUNTY: CARLTON AREA: CLOQUET AREA ACRES: 63.5

Permit Number: B014169
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/09/2019 (Sale #1, tract B1)
OTC Purchase End Date: 05/09/2020

NESE, SESE, SWSE of Section 13; NENE of Section 24 - Township 48, Range 16W.
NWNW of Section 19 - Township 48, Range 15W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>370.00</td>
<td>Cd</td>
<td>9.60</td>
<td>3,552.00</td>
<td>9.60</td>
<td>3,552.00</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>360.00</td>
<td>Cd</td>
<td>15.88</td>
<td>5,716.80</td>
<td>15.88</td>
<td>5,716.80</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>100.00</td>
<td>Cd</td>
<td>9.88</td>
<td>988.00</td>
<td>9.88</td>
<td>988.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>11.20</td>
<td>112.00</td>
<td>11.20</td>
<td>112.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 10,368.80
ADVANCE PAYMENT = $ 1,555.32
BID TOTAL = $ 10,368.80

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

ANY LISTED SPECIES BIOMASS 434.00 Tons 1.00 0.00

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 5%; Largetooth Aspen 5%; Trembling Aspen 90%.
Maple Species Pulpwood includes: Red Maple 60%; Sugar Maple 40%.

Mixed Product Description:

Paper Birch Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.

Season of Operations:

- Conduct sale operations on frozen or very dry soil conditions only, except with written permission from State.
- Non-frozen operations will require onsite meeting and written permission from Timber Sale Administrator.

Sale Conditions:

- Access is across private land.
- Permission to cross private land must be obtained by permittee.
- Initial contacts have been made with MN Power for private access. Contact sale administrator for details.

Marketing Conditions:

Electronic maps available by request.

Price Factor Adjustments:

Road Construction -10% for isolated blocks due to private access and terrain
Operational Constraints -10% steep terrain separating harvest areas

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Craig David Ferguson

(Appraisal ID 14543-0; Cutting Block ID 16879-0)

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
B014173  COUNTY: ST. LOUIS  AREA: CLOQUET AREA  ACRES: 31.0

Permit Number: B014173
Permit Expiration Date: 05/31/2022
Original Sale Date: 05/09/2019 (Sale #1, tract B5)
OTC Purchase End Date: 05/09/2020

NENW,NWNE of Section 16; SESW of Section 9 - Township 52, Range 13W.
NWSW of Section 16 - Township 52, Range 13W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORWAY PINE</td>
<td>PULP &amp; BOLTS</td>
<td>475.00</td>
<td>Cd</td>
<td>20.16</td>
<td>9,576.00</td>
<td>20.16</td>
<td>9,576.00</td>
<td></td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>80.00</td>
<td>Cd</td>
<td>11.20</td>
<td>896.00</td>
<td>11.20</td>
<td>896.00</td>
<td></td>
</tr>
<tr>
<td>JACK PINE</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>7.20</td>
<td>144.00</td>
<td>7.20</td>
<td>144.00</td>
<td></td>
</tr>
<tr>
<td>SCOTCH PINE</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>7.20</td>
<td>72.00</td>
<td>7.20</td>
<td>72.00</td>
<td></td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>13.60</td>
<td>68.00</td>
<td>13.60</td>
<td>68.00</td>
<td></td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $10,756.00
ADVANCE PAYMENT = $1,613.40
BID TOTAL = $10,756.00

Optional Timber (may be purchased with an Added Timber Agreement):
★ ANY LISTED SPECIES  BIOMASS  257.00 Tons  1.00  0.00

Mixed Product Description:
Norway Pine Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.

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

Sale Conditions:
- Access is across state land (Cutting Block 1).

Marketing Conditions:
This permit is located 7 miles east of the intersection of county road 4 and Normanna road, then north 1/2 to 3/4 mile on solid snowmobile trail.
Red Pine - 11" DBH / 5-4 stick
BF - 7" DBH / 3-4 stick

This permit does not contain certified wood.

TSA: Dave Arras 218/723-4791 EXT: 221

Certification Note:
The timber on this tract is from non-certified land.

Appraiser:
David W. Arras

(SPECIES KEY: ★ BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
## Unsold Timber Sales - Data as of 07/25/2019

**Regular Auction**

<table>
<thead>
<tr>
<th>Permit Number: B014175</th>
<th>Permit Expiration Date: 05/31/2022</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Count: St. Louis</strong></td>
<td><strong>Area: Cloquet Area</strong></td>
</tr>
<tr>
<td><strong>Acres: 42.8</strong></td>
<td><strong>Permit Number: B014175</strong></td>
</tr>
</tbody>
</table>

### Original Sale Date: 05/09/2019 (Sale #1, tract B7)

### OTC Purchase End Date: 05/09/2020

SESE, SWSE of Section 34 - Township 54, Range 14W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>BID UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ SPRUCE-BALSAM</td>
<td>PULPWOOD</td>
<td>385.00</td>
<td>Cd</td>
<td>2.50</td>
<td>962.50</td>
<td>2.50</td>
<td>962.50</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>85.00</td>
<td>Cd</td>
<td>2.50</td>
<td>212.50</td>
<td>2.50</td>
<td>212.50</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>40.00</td>
<td>Cd</td>
<td>2.50</td>
<td>100.00</td>
<td>2.50</td>
<td>100.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 1,275.00**

**Advance Payment = $ 191.25**

**BID TOTAL = $ 1,275.00**

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

- **ANY LISTED SPECIES BIOMASS**
  - 275.00 Tons
  - 1.00
  - 0.00

### Mixed Species Description:

- Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.
- Spruce-Balsam Pulpwood includes: Balsam Fir 5%; Black Spruce 5%; White Spruce 90%.

### Season of Operations:

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

### Sale Conditions:

- Access is across state and county land.

### Marketing Conditions:

- Sale is located 8 miles north on Hwy 4 from Island Lake Inn and then 2 miles west on access road.
- Price reduction on round wood is set at a minimum of $2.50 for reasons of seasonal access, 3/4 mile of road building on upland young aspen, spruce budworm, and re-offered wood.
- 12 cords per acre for all listed species.

This permit includes ash as a harvest species; and, at the time of purchase, is not within the Ash Quarantine Area. Quarantine boundaries may change prior to harvest. Be sure of boundary location prior to hauling. An MDA Compliance Agreement will be required to transport ash outside of the quarantine area. Contact MDA Regulatory Specialist to obtain a compliance agreement. TSA has contact information.

TSA Dave Arras 218/723-4791 EXT. 221

### Certification Note:

The timber on this tract is SFI and FSC certified.

### Appraiser:

David W. Arras

(Appraisal ID 12539-0; Cutting Block ID 13848-0)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**REGULAR AUCTION**

<table>
<thead>
<tr>
<th>B014281</th>
<th>COUNTY: ST. LOUIS</th>
<th>AREA: CLOQUET AREA</th>
<th>ACRES: 156.0</th>
</tr>
</thead>
</table>

Permit Number: B014281  
Permit Expiration Date: 05/31/2023  
Original Sale Date: 06/11/2019 (Sale #1, tract B4)  
OTC Purchase End Date: 06/11/2020  
NENE,NESE,NESW,NWNE,NWSE,NWSW,SENE,SENW,SWNE,SWNW of Section 36 - Township 53, Range 19W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULP &amp; BOLTS</td>
<td>3,200.0</td>
<td>Cd</td>
<td>2.18</td>
<td>6,976.00</td>
<td>2.18</td>
<td>6,976.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>100.0</td>
<td>Cd</td>
<td>2.45</td>
<td>245.00</td>
<td>2.45</td>
<td>245.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>35.0</td>
<td>Cd</td>
<td>5.65</td>
<td>197.75</td>
<td>5.65</td>
<td>197.75</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 7,418.75**

**ADVANCE PAYMENT = $ 1,112.81**

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

- ANY LISTED SPECIES  
  - BIOMASS  
    - VOLUME: 1,920.00  
    - UNIT: Tons  
    - UNIT PRICE: 0.30  
    - $ VALUE: 0.00  

**SOAV Option:**

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

**Mixed Product Description:**

Tamarack Pulp & Bolts includes: Bolts 22%; Pulpwood 78%.

**Season of Operations:**

- Conduct felling, skidding and hauling on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**

- Access is across state land.

**Marketing Conditions:**

Permit is located 2 miles east and 2 miles south of Meadowlands, MN off of County Rd 47 - Agnew Rd. Stand has an active larch beetle infestation which has been causing a slow decline and death in the stand. Prices have been reduced 65 percent as 43 percent of this stand has been appraised as standing dead in April 2018. Due to tamaracks rot resistant qualities the wood has remained and may remain merchantable for some time. The winter access route has already been dozed into the landing. An easement for this portion of the Alborn snowmobile trail is owned by the State so the proposed access route off County Rd 47 (Agnew Rd) is across State land.

Prices reduced additional 15% of last appraised price due to re-offer.

4 year sale length due to winter frozen ground access and operation in a lowland tamarack swamp forest.

Bolt percentage is estimated at 22% with some saw-timber also present in this mature stand.

This permit has been cruised in April 2018 to allow for SOAV option.

Digital map or GPS shapefile of the permit area is available upon request to permit holder for use as a general reference.

At the time of purchase this permit is not within the MDA Ash Quarantine Area.

Appraiser: Wes Habeldank 476-7022 Floodwood Field Station

(SPECIES KEY: + BID SPECIES,    * SOLD ON APPRAISED VOLUME)
Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Wesley J. Habedank

(Appraisal ID 11117-0; Cutting Block ID 12971-0)
B014282  COUNTY: ST. LOUIS  AREA: CLOQUET AREA  ACRES: 29.3

Permit Number: B014282
Permit Expiration Date: 05/31/2023
Original Sale Date: 06/11/2019 (Sale #1, tract B5)
OTC Purchase End Date: 06/11/2020

SESW,SWSW of Section 25; NENW,NWNW,NWSW,SENW,SWNW of Section 36 - Township 54, Range 21W.

<table>
<thead>
<tr>
<th>APPRAISED</th>
<th>BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIES</td>
<td>PRODUCT</td>
</tr>
<tr>
<td>ASH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
</tr>
</tbody>
</table>

Appraised Total = $3,066.70
Advance Payment = $460.01
Bid Total = $3,066.70

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>345.00 Tons</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 95%; Trembling Aspen 5%.

Mixed Product Description:
Ash Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 75%; Sawtimber 15%.
Balsam Fir Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Paper Birch Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

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

Sale Conditions:
- Access is across private and state land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
Timber Sale is located 1.5 miles east of Hwy 73 and then North 1 mile at the end of the Heikkila Rd.

4 year sale due to winter frozen ground access and operation in a lowland black ash swamp forest.

At the time of purchase this permit is not within the Ash Quarantine Area.

Prices have been reduced due to the tract being re-offered.

Permission to cross private land must be obtained by the permittee. The landowner on the way to this permit is open to discussing access through his land. Contact the appraiser for more details.

Appraiser: Wes Habedank 476-7022 Floodwood Field Station
An Avenza digital pdf map or GPS shapefile of the permit area is available upon request for use as a general reference.

Certification Note:
The timber on this tract is SFI and FSC certified.

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
Appraiser:
Wesley J. Habedank

(Appraisal ID 12848-0; Cutting Block ID 15027-0)
**Regular Auction**

**Permit Number:** B014122  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 01/03/2019 (Sale #1, tract B1)  
**OTC Purchase End Date:** 01/03/2020

**NWSW,SWSW of Section 28; NESE,NWSE,SESE of Section 29 - Township 57, Range 8W.**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULPWOOD</td>
<td>200.00</td>
<td>Cd</td>
<td>6.30</td>
<td>1,260.00</td>
<td>6.30</td>
<td>1,260.00</td>
</tr>
<tr>
<td>+ NORTHERN</td>
<td>PULPWOOD</td>
<td>85.00</td>
<td>Cd</td>
<td>8.29</td>
<td>704.65</td>
<td>8.29</td>
<td>704.65</td>
</tr>
<tr>
<td></td>
<td>HARDWOODS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULPWOOD</td>
<td>40.00</td>
<td>Cd</td>
<td>11.90</td>
<td>476.00</td>
<td>11.90</td>
<td>476.00</td>
</tr>
<tr>
<td>+ WHITE SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>40.00</td>
<td>Cd</td>
<td>20.61</td>
<td>824.40</td>
<td>20.61</td>
<td>824.40</td>
</tr>
</tbody>
</table>

**Appraised Total =** $3,265.05  
**Advance Payment =** $489.76  
**BID Total =** $3,265.05

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

- **ANY LISTED SPECIES BIOMASS**
  - 270.00 Tons
  - 1.00
  - 0.00

**Mixed Species Description:**
Northern Hardwoods Pulpwood includes: Paper Birch 16%; Red Maple 27%; Sugar Maple 57%.

**Mixed Product Description:**
White Spruce Pulp & Bolts includes: Bolts 87%; Pulpwood 13%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
Existing access to either side of sale area off MMR 629 & MMR 630.

Large, good quality white spruce is scattered across sale area.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Simon Cain

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

B014124  COUNTY: COOK

AREA: TWO HARBORS AREA  ACRES: 157.2

Permit Number: B014124  
Permit Expiration Date: 05/31/2022

Original Sale Date: 01/03/2019 (Sale #1, tract B3)  
OTC Purchase End Date: 01/03/2020

NESE,NESW,SESE,SESW,SWSE of Section 19; NENE,NENW,NWNE of Section 30 - Township 63, Range 3E.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>1,523.00</td>
<td>Cd</td>
<td>3.85</td>
<td>5,863.55</td>
<td>3.85</td>
<td>5,863.55</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>1,036.00</td>
<td>Cd</td>
<td>8.40</td>
<td>8,702.40</td>
<td>8.40</td>
<td>8,702.40</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>334.00</td>
<td>Cd</td>
<td>5.95</td>
<td>1,987.30</td>
<td>5.95</td>
<td>1,987.30</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULPWOOD</td>
<td>204.00</td>
<td>Cd</td>
<td>6.65</td>
<td>1,356.60</td>
<td>6.65</td>
<td>1,356.60</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 17,909.85**

**ADVANCE PAYMENT = $ 2,686.48**

**BID TOTAL = $ 17,909.85**

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

ANY LISTED SPECIES  BIOMASS  
2,440.00  Tons  1.00  0.00

Mixed Species Description:

Mixed Spruce Pulpwood includes: Black Spruce 10%; White Spruce 90%.

Season of Operations:

- Conduct Sale Operations on Frozen/ Dry soil conditions only, except with written permission from State.

Sale Conditions:

- Access is across USFS and State land.
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.
- USFS haul permit is required and the responsibility of the Permittee.

Marketing Conditions:

There is a possibility of Added Timber for this permit to the NE of the cutting block. This can be discussed with the permit holder upon the sale going active. The added timber would consist of approximately 70 cords of Paper Birch, 10 cords of Spruce, 20 cords of Fir and 40 cords of Aspen.

The portion of the cutting block that is south of the Greenwood River road could possibly have sale operations during dry soil conditions. The portion north of the Greenwood River road will be frozen soil conditions only.

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Justin Owen Rexrode

(Appraisal ID 14306-0; Cutting Block ID 16677-0)
**REGULAR AUCTION**

**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**B014316**

**COUNTY: COOK**

**AREA: TWO HARBORS AREA**

**ACRES: 517.9**

---

**Permit Number:** B014316  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 06/13/2019 (Sale #1, tract B4)  
**OTC Purchase End Date:** 06/13/2020

NENE, NENW, NESE, NESW, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW of Section 36 - Township 61, Range 2W.

---

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>1,100.00</td>
<td>Cd</td>
<td>1.65</td>
<td>1,815.00</td>
<td>1.65</td>
<td>1,815.00</td>
<td></td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>PULPWOOD</td>
<td>1,100.00</td>
<td>Cd</td>
<td>2.55</td>
<td>2,805.00</td>
<td>2.55</td>
<td>2,805.00</td>
<td></td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>550.00</td>
<td>Cd</td>
<td>3.00</td>
<td>1,650.00</td>
<td>3.00</td>
<td>1,650.00</td>
<td></td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>260.00</td>
<td>Cd</td>
<td>2.10</td>
<td>546.00</td>
<td>2.10</td>
<td>546.00</td>
<td></td>
</tr>
</tbody>
</table>

**APPRaised TOTAL = $ 6,816.00**

**Advance Payment = $ 1,022.40**

**Bid Total = $ 6,816.00**

---

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

| ANY LISTED SPECIES | BIOMASS | 2,200.00 | Tons | 1.00 | 0.00 |

---

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across USFS and State land.
- Permission to cross USFS land must be obtained by permittee.
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.

**Marketing Conditions:**
(N/A)

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Aaron J. Mielke

(Appraisal ID 14845-0; Cutting Block ID 17030-0)

---

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

B014317  COUNTY: COOK  AREA: TWO HARBORS AREA  ACRES: 62.5

Permit Number: B014317  
Permit Expiration Date: 05/31/2022  

GL01,GL02 of Section 30 - Township 63, Range 4E.

**APPRAISED**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>555.00</td>
<td>Cd</td>
<td>3.85</td>
<td>2,136.75</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>235.00</td>
<td>Cd</td>
<td>6.89</td>
<td>1,619.15</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>140.00</td>
<td>Cd</td>
<td>7.11</td>
<td>995.40</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>135.00</td>
<td>Cd</td>
<td>4.90</td>
<td>661.50</td>
</tr>
</tbody>
</table>

**BID**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>555.00</td>
<td>Cd</td>
<td>3.85</td>
<td>2,136.75</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>235.00</td>
<td>Cd</td>
<td>6.89</td>
<td>1,619.15</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>140.00</td>
<td>Cd</td>
<td>7.11</td>
<td>995.40</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>135.00</td>
<td>Cd</td>
<td>4.90</td>
<td>661.50</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 5,412.80  
ADVANCE PAYMENT = $ 811.92  
BID TOTAL = $ 5,412.80

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

| ANY LISTED SPECIES | BIOMASS | 603.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:

- Aspen Species Pulpwood includes: Balm of Gilead 10%; Trembling Aspen 90%.
- Mixed Spruce Pulp & Bolts includes: Black Spruce 10%; White Spruce 90%.

Mixed Product Description:

- Mixed Spruce Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

Season of Operations:

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

Sale Conditions:

- Access is across State, private, and USFS land.
- Permission to cross private and USFS land must be obtained by permittee.
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.
- An access permit to cross USFS land has been applied for. Provisions of the access permit will become part of sale terms and conditions for this sale.

Marketing Conditions:

(N/A)

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Anna K. Heruth

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
### Unsold Timber Sales - Data as of 07/25/2019

#### Regular Auction

**B014249**  
**County:** Koochiching  
**Area:** Littlefork Area  
**Acres:** 14.6

- **Permit Number:** B014249  
- **Permit Expiration Date:** 05/31/2022  
- **Original Sale Date:** 06/03/2019 (Sale #1, tract B4)  
- **OTC Purchase End Date:** 06/03/2020  

**GL04 of Section 19; GL02 of Section 30 - Township 66, Range 23W.**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASPEN SPECIES</strong></td>
<td>PULPWOOD</td>
<td>190.00</td>
<td>Cd</td>
<td>14.82</td>
<td>2,815.80</td>
<td>14.82</td>
<td>2,815.80</td>
</tr>
<tr>
<td><strong>NORTHERN HARDWOODS</strong></td>
<td>PULPWOOD</td>
<td>120.00</td>
<td>Cd</td>
<td>5.76</td>
<td>691.20</td>
<td>5.76</td>
<td>691.20</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>55.00</td>
<td>Cd</td>
<td>10.50</td>
<td>577.50</td>
<td>10.50</td>
<td>577.50</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>10.00</td>
<td>Cd</td>
<td>15.23</td>
<td>152.30</td>
<td>15.23</td>
<td>152.30</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 4,236.80**  
**ADVANCE PAYMENT = $ 635.52**  
**BID TOTAL = $ 4,236.80**

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

**ANY LISTED SPECIES**  
**BIOMASS**  
200.00 Tons  
1.00 0.00

### Mixed Species Description:
- Aspen Species Pulpwood includes: Balm of Gilead 8%; Trembling Aspen 92%.
- Mixed Spruce Pulp & Bolts includes: Black Spruce 10%; White Spruce 90%.
- Northern Hardwoods Pulpwood includes: Ash 83%; Paper Birch 17%.

### Mixed Product Description:
- Mixed Spruce Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

### Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

### Sale Conditions:
- Access crosses Public Waters. A Permit is not required if using a snow / ice bridge.
- Access is across State and Molpus Timber land.
- Permission to cross Molpus Timber land must be obtained by permittee.
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.

### Marketing Conditions:
- Aspen varies from 7-15” dbh  
  Age 55-76  
  SI-75

Site is located approximately 16 miles south of Hwy 217 on the Galvin Line road. The last 4 miles on the Galvin Line is winter access. There are several drainages to cross, the largest is approximately 8’ wide.

Price reduced 15% for first re-offer.

### Certification Note:
The timber on this tract is SFI and FSC certified.

### Appraiser:
Chris J. Scofield

(SPECIES KEY: + BID SPECIES,  
* SOLD ON APPRAISED VOLUME)
**Regular Auction**

**B014251**

**COUNTY: KOOCHICHING**

**AREA: LITTLEFORK AREA**

**ACRES: 167.3**

---

**Permit Number:** B014251  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 06/03/2019 (Sale #1, tract B6)  
**OTC Purchase End Date:** 06/03/2020

NESE, NESW, NWSE, SENE, SENW, SWNE, SWSE of Section 20; NENW, NWNW, SWNW of Section 29; NWSW, SWNW of Section 21; NENE, SENE of Section 30 - Township 70, Range 22W.

---

**APPRAISED**

<table>
<thead>
<tr>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRODUCT</th>
<th>SPECIES</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>PULPWOOD</td>
<td>BLACK SPRUCE</td>
<td>7.65 Cd</td>
<td>9,409.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PULPWOOD</td>
<td>TAMARACK</td>
<td>2.70 Cd</td>
<td>2,349.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 11,758.50**

**ADVANCE PAYMENT = $ 1,763.78**

**BID TOTAL = $ 11,758.50**

---

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

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>SPECIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>PULPWOOD</td>
<td>40.00</td>
<td>Cd</td>
<td>NORTHERN HARDWOODS</td>
</tr>
<tr>
<td>BIOMASS</td>
<td>900.00</td>
<td>Tons</td>
<td>ANY LISTED SPECIES</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**

Northern Hardwoods Pulpwood includes: Ash 25%; Paper Birch 75%.

**Season of Operations:**

- Conduct sale operations on 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:**

Black spruce varies from 5-8" dbh  2-5 sticks/ tree  Age 85-190  SI 30-35  
Northern Hardwoods are small and scattered.  
There is approximately 180 cords of additional beetle killed tamarack available for purchase at the bid up price for tamarack pulpwood.  
There are approximately 600 stems/ acre of non-merchantable black spruce >5' tall on site.

From the East Branch Access Road approximately 7 miles of existing winter roads to the sale area.

Price reduced 15% for first re-offer.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Chris J. Scofield

(Appraisal ID 14888-0; Cutting Block ID 16554-0)

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
B014253 COUNTY: KOOCHICHING AREA: LITTLEFORK AREA ACRES: 24.0

Permit Number: B014253 Permit Expiration Date: 05/31/2022

Original Sale Date: 06/03/2019 (Sale #1, tract B8) OTC Purchase End Date: 06/03/2020

GL01,NENW,NWNE,SENW of Section 7 - Township 154, Range 27W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>++ MIXED SPRUCE</td>
<td>PULPWOOD</td>
<td>360.00</td>
<td>Cd</td>
<td>13.30</td>
<td>4,788.00</td>
<td>13.30</td>
<td>4,788.00</td>
</tr>
<tr>
<td>++ TAMARACK</td>
<td>PULPWOOD</td>
<td>80.00</td>
<td>Cd</td>
<td>4.20</td>
<td>336.00</td>
<td>4.20</td>
<td>336.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $5,124.00
ADVANCE PAYMENT = $768.60
BID TOTAL = $5,124.00

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

| ANY LISTED SPECIES | BIOMASS | 222.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Mixed Spruce Pulpwood includes: Black Spruce 99%; White Spruce 1%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Black spruce average 4 stick, 7” DBH
Access is approximately 4 miles SW of Gates Corner.
A price reduction of 15% due to first re-offer.
Appraised by Tom Young.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nicholas John Riley

(SPECIES KEY: ++ BID SPECIES, * SOLD ON APPRAISED VOLUME)
B014255  COUNTY: KOOCHICHING  AREA: LITTLEFORK AREA  ACRES: 58.0

Permit Number: B014255
Permit Expiration Date: 05/31/2022
Original Sale Date: 06/03/2019 (Sale #1, tract B10)
OTC Purchase End Date: 06/03/2020
NENW,NWNW of Section 14; NESW,NWSW,SESW,SWSW of Section 11 - Township 155, Range 27W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK SPRUCE</td>
<td>WOODSRUN CORDWOOD</td>
<td>805.00</td>
<td>Cd</td>
<td>6.80</td>
<td>5,474.00</td>
<td>6.80</td>
<td>5,474.00</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>WOODSRUN CORDWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>2.55</td>
<td>51.00</td>
<td>2.55</td>
<td>51.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 5,525.00
ADVANCE PAYMENT = $ 828.75
BID TOTAL = $ 5,525.00

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

ANY LISTED SPECIES  BIOMASS  450.00  Tons  1.00  0.00

Season of Operations:
- Conduct sale operations on 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:
Black Spruce Averages:
4 sticks and 7" DBH
Requires 2.5 miles of winter trail freezing from County HWY 30 (1 mile east of Gates corner).

Prices reduced -30% for second re-offer.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nicholas John Riley

(Appraisal ID 13491-0; Cutting Block ID 15791-0)

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
B014284  COUNTY: KOOCHICHING  AREA: LITTLEFORK AREA  ACRES: 10.6

Permit Number: B014284
Permit Expiration Date: 05/31/2022
Original Sale Date: 06/11/2019 (Sale #1, tract B7)
OTC Purchase End Date: 06/11/2020
GL01, GL02 of Section 33; GL04 of Section 32 - Township 69, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>120.00</td>
<td>Cd</td>
<td>11.05</td>
<td>1,326.00</td>
<td>11.05</td>
<td>1,326.00</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>12.00</td>
<td>Cd</td>
<td>3.90</td>
<td>46.80</td>
<td>3.90</td>
<td>46.80</td>
</tr>
</tbody>
</table>

Appraised Total = $1,372.80
Advance Payment = $205.92
Bid Total = $1,372.80

Optional Timber (may be purchased with an Added Timber Agreement):
- ANY LISTED SPECIES BIOMASS  60.00 Tons  1.00  0.00

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

Sale Conditions:
- Access is across State and private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
Black spruce varies from 5-7" dbh  1-5 sticks/ tree. SI-28  Age 156 years

Site is located approximately 1 mile east off the end of Town Road #181 using old logging roads. The logging road also serves as a snowmobile trail to access Ray, MN. Approximately .3 miles of new winter road construction will be necessary to access sale area.

Price reduced 15% for first re-offer.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Chris J. Scofield

(Appraisal ID 14885-0; Cutting Block ID 16187-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

B014187  COUNTY: HOUSTON  AREA: LEWISTON AREA  ACRES: 57.2

Permit Number: B014187
Permit Expiration Date: 07/15/2022

Original Sale Date: 05/21/2019 (Sale #1, tract B3)
OTC Purchase End Date: 05/21/2020

NENE, NESE, NESW, NWNE, NWSE, SENE, SESW, SWNE, SWSE of Section 26 - Township 102, Range 4W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE PINE</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>610.00</td>
<td>Cd</td>
<td>14.14</td>
<td>8,625.40</td>
<td>14.14</td>
<td>8,625.40</td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>5.60</td>
<td>28.00</td>
<td>5.60</td>
<td>28.00</td>
</tr>
</tbody>
</table>

Bid Total = $ 8,653.40
Advance Payment = $ 1,298.01

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>FUELWOOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>10.00</td>
</tr>
<tr>
<td></td>
<td>7.00</td>
</tr>
<tr>
<td></td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Product Description:
White Pine Woodsrun Mixed Products includes: Bolts 50%; Pulpwood 30%; Sawlog-Grade 3 20%.

Season of Operations:
- Conduct sale operations on summer/dry or frozen soil conditions only, except with written permission from State.

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale involves multiple white pine stands near our lower Reno campground. There is some slope involved with some of the stands. All stands were previously thinned in the early 2000's with cut to length equipment.

Landing space may be limited in certain areas. Campground may be used to deck wood during the winter months. Campground is popular during the rest of the year.

Price reduced 15% due to haul distance to nearest mill.

Ash is heavily infested with emerald ash borer and will most likely be dead within a year or two.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Jason C. Bland

(Appraisal ID 13724-0; Cutting Block ID 15950-0)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**REGULAR AUCTION**

**B014188**  
**COUNTY:** Fillmore  
**AREA:** Lewiston Area  
**ACRES:** 9.8

- **Permit Number:** B014188  
- **Permit Expiration Date:** 07/15/2022  
- **Original Sale Date:** 05/21/2019 (Sale #1, tract B4)  
- **OTC Purchase End Date:** 05/21/2020  
- **NENE, SENE of Section 19 - Township 102, Range 8W.**

**APPRAISED**  
**BID**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT (HARDWOOD ONLY)</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ SUGAR MAPLE</td>
<td>SAWTIMBER</td>
<td>5.99 MBF</td>
<td>141.70</td>
<td>848.78</td>
<td>141.70</td>
<td>848.78</td>
<td></td>
</tr>
<tr>
<td>$ ASH</td>
<td>SAWTIMBER (HARDWOOD ONLY)</td>
<td>4.88 MBF</td>
<td>67.24</td>
<td>328.13</td>
<td>67.24</td>
<td>328.13</td>
<td></td>
</tr>
<tr>
<td>$ BASSWOOD</td>
<td>SAWTIMBER (HARDWOOD ONLY)</td>
<td>1.12 MBF</td>
<td>53.61</td>
<td>60.04</td>
<td>53.61</td>
<td>60.04</td>
<td></td>
</tr>
<tr>
<td>$ BLACK CHERRY</td>
<td>SAWTIMBER (HARDWOOD ONLY)</td>
<td>1.07 MBF</td>
<td>130.36</td>
<td>139.49</td>
<td>130.36</td>
<td>139.49</td>
<td></td>
</tr>
<tr>
<td>$ RED OAK</td>
<td>SAWTIMBER (HARDWOOD ONLY)</td>
<td>0.52 MBF</td>
<td>247.02</td>
<td>128.45</td>
<td>247.02</td>
<td>128.45</td>
<td></td>
</tr>
<tr>
<td>$ WHITE OAK</td>
<td>SAWTIMBER (HARDWOOD ONLY)</td>
<td>0.11 MBF</td>
<td>128.45</td>
<td>14.13</td>
<td>128.45</td>
<td>14.13</td>
<td></td>
</tr>
<tr>
<td>$ BITTERNUT HICKORY</td>
<td>SAWLOG-GRADE 3 (HARDWOOD)</td>
<td>0.10 MBF</td>
<td>30.00</td>
<td>3.00</td>
<td>30.00</td>
<td>3.00</td>
<td></td>
</tr>
<tr>
<td>$ MIXED HARDWOODS</td>
<td>FUELWOOD</td>
<td>5.00 Cd</td>
<td>7.00</td>
<td>35.00</td>
<td>7.00</td>
<td>35.00</td>
<td></td>
</tr>
</tbody>
</table>

**Appraised Total = $ 1,557.02**  
**Advance Payment = $ 233.55**  
**Bid Total = $ 1,557.02**

**Mixed Species Description:**  
Mixed Hardwoods Fuelwood includes: Ash 45%; Black Cherry 5%; Red Oak 5%; Sugar Maple 45%.

**Mixed Product Description:**  
Ash Sawtimber (Hardwood Only) includes: Sawlog-Grade 1 (Hardwood) 17%; Sawlog-Grade 2 (Hardwood) 30%; Sawlog-Grade 3 (Hardwood) 53%.  
Basswood Sawtimber (Hardwood Only) includes: Sawlog-Grade 1 (Hardwood) 3%; Sawlog-Grade 2 (Hardwood) 76%; Sawlog-Grade 3 (Hardwood) 21%.  
Black Cherry Sawtimber (Hardwood Only) includes: Sawlog-Grade 1 (Hardwood) 41%; Sawlog-Grade 2 (Hardwood) 33%; Sawlog-Grade 3 (Hardwood) 26%.  
Red Oak Sawtimber (Hardwood Only) includes: Sawlog-Grade 1 (Hardwood) 81%; Sawlog-Grade 2 (Hardwood) 19%.  
Sugar Maple Sawtimber (Hardwood Only) includes: Sawlog-Grade 1 (Hardwood) 9%; Sawlog-Grade 2 (Hardwood) 45%; Sawlog-Grade 3 (Hardwood) 46%.  
White Oak Sawtimber (Hardwood Only) includes: Sawlog-Grade 2 (Hardwood) 55%; Sawlog-Grade 3 (Hardwood) 45%.

**Season of Operations:**  
- Conduct sale operations on summer / dry or frozen soil conditions only, except with written permission from State.

**Sale Conditions:**  
- Access is across state land.

**Marketing Conditions:**  
Total trees 78: Black ash 30, Basswood 6, Black cherry 12, Bitternut hickory 1, Sugar Maple 27, Red oak 1, White oak 1.

This is a Sold on Appraised Volume Sale (SOAV). State law requires DNR appraisers meet accuracy standards set by the Commissioner. To ensure these are being met, The Timber Sale Administrator (TSA) has the option to scale any or all of the wood products from this permit before they are removed from the permit landing, or require the completion of the DNR Report of Timber Cut and Removed, or request copies of any mill tally or load receipts.

(SPECIES KEY: $ BID SPECIES, $ SOLD ON APPRAISED VOLUME)
Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Alexander W. Gehrig
(Appraisal ID 14553-0; Cutting Block ID 17005-0)
UN SOLD TIMBER SALES - DATA AS OF 07/25/2019

REGULAR AUCTION

B014191 COUNTY: FILLMORE AREA: LEWISTON AREA ACRES: 14.9

<table>
<thead>
<tr>
<th>Permit Number: B014191</th>
<th>Permit Expiration Date: 07/15/2022</th>
</tr>
</thead>
</table>

NESW,NWNW,SESW of Section 5 - Township 103, Range 8W.
SESW,SWSE of Section 25 - Township 104, Range 9W.

Original Sale Date: 05/21/2019 (Sale #1, tract B7)
OTC Purchase End Date: 05/21/2020

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE PINE</td>
<td>PULP &amp; BOLTS</td>
<td>201.00</td>
<td>Cd</td>
<td>4.05</td>
<td>814.05</td>
<td>4.05</td>
<td>814.05</td>
<td></td>
</tr>
<tr>
<td>MIXED HARDWOODS</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>7.45</td>
<td>74.50</td>
<td>7.45</td>
<td>74.50</td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 888.55**
**ADVANCE PAYMENT = $ 133.28**
**BID TOTAL = $ 888.55**

Mixed Species Description:
Mixed Hardwoods Pulpwood includes: Paper Birch 32%; Trembling Aspen 68%.

Mixed Product Description:
White Pine Pulp & Bolts includes: Bolts 27%; Pulpwood 73%.

Season of Operations:
- Conduct sale operations on summer / dry or frozen soil conditions only, except with written permission from State.

Sale Conditions:
- Access is across state and private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
(N/A)

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Alexander W. Gehrig

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
### UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

#### REGULAR AUCTION

**B014192**  
**COUNTY:** FILLMORE  
**AREA:** LEWISTON AREA  
**ACRES:** 34.0

- **Permit Number:** B014192  
- **Permit Expiration Date:** 07/15/2022  
- **Original Sale Date:** 05/21/2019 (Sale #1, tract B8)  
- **OTC Purchase End Date:** 05/21/2020

NWSE of Section 36 - Township 104, Range 10W.  
SWSE of Section 6; NWNE of Section 7 - Township 103, Range 9W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED OAK</td>
<td>SAWLOGS / VENEER</td>
<td>18.60</td>
<td>MBF</td>
<td>277.00</td>
<td>5,152.20</td>
</tr>
<tr>
<td>BLACK OAK</td>
<td>SAWTIMBER</td>
<td>11.60</td>
<td>MBF</td>
<td>159.00</td>
<td>1,844.40</td>
</tr>
<tr>
<td>MIXED HARDWOODS</td>
<td>SAWTIMBER</td>
<td>4.30</td>
<td>MBF</td>
<td>32.90</td>
<td>141.47</td>
</tr>
<tr>
<td>MIXED HARDWOODS</td>
<td>FUELWOOD</td>
<td>3.00</td>
<td>Cd</td>
<td>7.00</td>
<td>21.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 7,159.07**  
**ADVANCE PAYMENT = $ 1,073.86**  
**BID TOTAL = $ 7,159.07**

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

| TREMLING ASPEN     | PULPWOOD             | 100.00 | Cd    | 10.00  | 0.00    |

### Mixed Species Description:

Mixed Hardwoods Fuelwood includes: Black Oak 15%; Red Oak 65%; White Oak 20%.

Mixed Hardwoods Sawtimber includes: American Elm 29%; Ash 5%; Basswood 30%; Largetooth Aspen 5%; Red Elm 1%; Sugar Maple 30%.

### Mixed Product Description:

Black Oak Sawtimber includes: Sawlog-Grade 2 (Hardwood) 100%.

Mixed Hardwoods Sawtimmer includes: Sawlog-Grade 3 (Hardwood) 100%.

Red Oak Sawlogs / Veneer includes: Prime (Hardwood) 20%; Sawlog-Grade 1 (Hardwood) 80%.

### Season of Operations:

- Oak wilt is within 20 miles and poses a threat. No sale operations allowed from April 1 - July 15 due to oak wilt concerns, unless with written permission from State (Cutting Block 1).
- Conduct sale operations on summer/dry or frozen soil conditions only, except with written permission from State (Cutting Blocks 1 and 2).

### Sale Conditions:

- Access is across private land (Cutting Block 1).
- Access is across state ag lease, no damage to standing crops allowed land (Cutting Block 2).
- Permission to cross private land must be obtained by permittee (Cutting Block 1).

### Marketing Conditions:

Tree count block 1  Black oak -116, Red oak-99, White oak-5, Basswood-12, Big tooth aspen-1, Elm-17, Ash-2, Sugar maple-10

This is a sold on Appraised Volume Sale (SOAV). State law requires DNR appraisers to meet accuracy standards set by the commissioner. To ensure these are being met, the Timber Sale Administrator has the option to scale any or all of the wood products harvested from this permit before they are removed from the permit landing, or require the completion of the DNR report of Timber Cut and Removed or request copies of any mill tallies or load receipts.

### Certification Note:

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Donald Edgar

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

REGULAR AUCTION

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
REGULAR AUCTION

UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

B014194  COUNTY: FILLMORE  AREA: LEWISTON AREA  ACRES: 34.3

Permit Number: B014194
Permit Expiration Date: 07/15/2022
Original Sale Date: 05/21/2019 (Sale #1, tract B10)
OTC Purchase End Date: 05/21/2020

NENE, SENE of Section 3; NESW, NWNW, NWSE, NWSW, SWNE, SWNW, SWSE of Section 2 - Township 103, Range 10W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ WHITE PINE</td>
<td>PULP &amp; BOLTS</td>
<td>347.00</td>
<td>Cd</td>
<td>4.20</td>
<td>1,457.40</td>
<td>4.20</td>
<td>1,457.40</td>
</tr>
<tr>
<td>+ LARGETOOTH ASPEN</td>
<td>PULP &amp; BOLTS</td>
<td>30.00</td>
<td>Cd</td>
<td>8.40</td>
<td>252.00</td>
<td>8.40</td>
<td>252.00</td>
</tr>
<tr>
<td>SCOTCH PINE</td>
<td>PULPWOOD</td>
<td>18.00</td>
<td>Cd</td>
<td>2.60</td>
<td>46.80</td>
<td>2.60</td>
<td>46.80</td>
</tr>
<tr>
<td>NORWAY PINE</td>
<td>PULPWOOD</td>
<td>12.00</td>
<td>Cd</td>
<td>2.60</td>
<td>31.20</td>
<td>2.60</td>
<td>31.20</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 1,787.40
ADVANCE PAYMENT = $ 268.11
BID TOTAL = $ 1,787.40

Mixed Product Description:
Largetooth Aspen Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
White Pine Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

Season of Operations:
- Conduct sale operations on summer / dry or frozen soil conditions only, except with written permission from State.

Sale Conditions:
- Access is across state land.

Marketing Conditions:
(N/A)

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Alexander W. Gehrig

(Appraisal ID 13600-0; Cutting Block ID 15962-0)
B014196  COUNTY: FILLMORE  AREA: LEWISTON AREA  ACRES: 17.4

Permit Number: B014196  Permit Expiration Date: 07/15/2022
Original Sale Date: 05/21/2019 (Sale #1, tract B12)  OTC Purchase End Date: 05/21/2020
NENE,NWNE of Section 20 - Township 103, Range 10W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORWAY PINE</td>
<td>PULPWOOD</td>
<td>70.20</td>
<td>Cd</td>
<td>4.25</td>
<td>298.35</td>
<td>4.25</td>
<td>298.35</td>
<td></td>
</tr>
<tr>
<td>WHITE PINE</td>
<td>PULP &amp; BOLTS</td>
<td>36.40</td>
<td>Cd</td>
<td>7.14</td>
<td>259.90</td>
<td>7.14</td>
<td>259.90</td>
<td></td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>PULPWOOD</td>
<td>8.10</td>
<td>Cd</td>
<td>6.80</td>
<td>55.08</td>
<td>6.80</td>
<td>55.08</td>
<td></td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 613.33
ADVANCE PAYMENT = $ 92.00
BID TOTAL = $ 613.33

Mixed Product Description:
White Pine Pulp & Bolts includes: Bolts 34%; Pulpwood 66%.

Season of Operations:
- Conduct sale operations on summer / dry or 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 and/or private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
(N/A)

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Alexander W. Gehrig

(Appraisal ID 14641-0; Cutting Block ID 17116-0)

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
## Regular Auction

**Permit Number:** B014198  
**County:** Winona  
**Area:** Lewiston Area  
**Acreage:** 50.1  
**Permit Expiration Date:** 07/15/2022  
**Original Sale Date:** 05/21/2019 (Sale #1, tract B14)  
**OTC Purchase End Date:** 05/21/2020

NENW of Section 31; SESW, SWSE of Section 30 - Township 105, Range 5W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORWAY PINE</td>
<td>PULPWOOD</td>
<td>176.00</td>
<td>Cd</td>
<td>3.35</td>
<td>589.60</td>
<td>3.35</td>
<td>589.60</td>
</tr>
<tr>
<td>WHITE PINE</td>
<td>PULP &amp; BOLTS</td>
<td>154.00</td>
<td>Cd</td>
<td>3.75</td>
<td>577.50</td>
<td>3.75</td>
<td>577.50</td>
</tr>
</tbody>
</table>

**Appraised Total:** $1,167.10  
**Advance Payment:** $175.07  
**Bid Total:** $1,167.10

### Mixed Product Description:
White Pine Pulp & Bolts includes: Bolts 6%; Pulpwood 94%.

### Sale Conditions:
- Access is across State land. For easier hauling of forest product, buyer may explore access across private land.
- Permission to cross private land must be obtained by permittee.

### Marketing Conditions:
This is a scaled sale.

### Certification Note:
The timber on this tract is SFI and FSC certified.

### Appraiser:
Kevin M. O'Brien

(Species Key: * Bid Species,  
* Sold on Appraised Volume)
**Regular Auction**

_B014200_  **County: Winona**  
_Area: Lewiston Area_  
_Acres: 25.9_

- **Permit Number:** B014200  
- **Permit Expiration Date:** 07/15/2021  
- **Original Sale Date:** 05/21/2019 (Sale #1, tract B16)  
- **OTC Purchase End Date:** 05/21/2020  
- **NESW, SESW of Section 27 - Township 105, Range 9W.**  
- **NWSW, SWSW of Section 35 - Township 105, Range 9W.**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ WHITE PINE</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>329.40</td>
<td>Cd</td>
<td>6.75</td>
<td>2,223.45</td>
<td>6.75</td>
<td>2,223.45</td>
</tr>
</tbody>
</table>

**Appraised Total = $2,223.45**  
**Advance Payment = $333.52**  
**BID = $2,223.45**

**Mixed Product Description:**
White Pine Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 55%; Sawtimber (Softwood Only) 15%.

**Sale Conditions:**
- Access is across state land (Cutting Blocks 1 and 2).
- The sale will expire on July 15, 2021 due to silvicultural reasons (Cutting Blocks 1 and 2).

**Marketing Conditions:**
Pricing reflects a 15% deduction for haul distance to nearest mill. Access roads are minimum maintenance and can be low quality.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Daniel Kutschied

(Appraisal ID 13531-0; Cutting Block ID 15844-0, 15824-0)

(Species Key: + Bid Species, * Sold on Appraised Volume)
B014203  COUNTY: WINONA  AREA: LEWISTON AREA  ACRES: 7.0

Permit Number: B014203  Original Sale Date: 05/21/2019 (Sale #1, tract B19)
Permit Expiration Date: 07/15/2022  OTC Purchase End Date: 05/21/2020

SWNW of Section 30 - Township 107, Range 9W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE SPRUCE</td>
<td>WOODSRUN SAWTIMBER (SOFTWOOD ONLY)</td>
<td>150.00</td>
<td>Cd</td>
<td>16.10</td>
<td>2,415.00</td>
<td>16.10</td>
<td>2,415.00</td>
<td></td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 2,415.00
ADVANCE PAYMENT = $ 362.25
BID TOTAL = $ 2,415.00

Mixed Product Description:
White Spruce Woodsrun Sawtimber (Softwood only) includes: Bolts 40%; Pulpwood 30%; Sawtimber (Softwood Only) 30%.

Season of Operations:
- Conduct sale operations on dry/frozen soil conditions only, except with written permission from State.
- Access is across state land and private land with public access easement in place. No operations allowed during regular deer firearm season.

Marketing Conditions:
White Spruce averages 6 sticks, with a good amount in the 7-8 stick range. Average diameter is 12.5 inches.

Access is across state land and private land with a public access easement in place.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Joseph R. Brown

(SPECIES KEY: ♦ BID SPECIES,  ♦ SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**REGULAR AUCTION**

**B014206**  
**COUNTY:** WINONA  
**AREA:** LEWISTON AREA  
**ACRES:** 70.5

- **Permit Number:** B014206  
- **Permit Expiration Date:** 07/15/2022  
- **Original Sale Date:** 05/21/2019 (Sale #1, tract B22)  
- **OTC Purchase End Date:** 05/21/2020

NENW,NWNW,SWNE of Section 9; SENE,SWNE,SWSE of Section 4; SESE,SWSE of Section 2 - Township 108, Range 9W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINE SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>929.00</td>
<td>Cd</td>
<td>4.67</td>
<td>4,338.43</td>
</tr>
<tr>
<td>MIXED HARDWOODS</td>
<td>PULPWOOD</td>
<td>68.00</td>
<td>Cd</td>
<td>4.15</td>
<td>282.20</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>14.00</td>
<td>Cd</td>
<td>7.68</td>
<td>107.52</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 4,728.15**

**ADVANCE PAYMENT = $ 709.22**

**BID TOTAL = $ 4,728.15**

**Mixed Species Description:**
Aspen Species Pulp & Bolts includes: Cottonwood 7%; Largetooth Aspen 7%; Trembling Aspen 86%.
Mixed Hardwoods Pulpwood includes: American Elm 21%; Ash 28%; Boxelder 47%; Paper Birch 1%; Red Oak 3%.
Pine Species Pulp & Bolts includes: Norway Pine 31%; White Pine 69%.

**Mixed Product Description:**
Aspen Species Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Pine Species Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

**Season of Operations:**
- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve. For pine thinning operations the following restrictions apply to cut pine greater than 3 inch diameter:
  - December 1 to May 31: Pine cut in this period must be hauled or destroyed by June 1.  
  - June 1 to August 31: Pine cut in this period must be hauled or destroyed within 3 weeks.  
  - September 1 to November 30: No special restrictions for pine cut in this period.
- Oak wilt is within 20 miles and poses a threat. No sale operations allowed from April 1 - July 15 in harvest area where oak may be damaged due to oak wilt concerns, unless with written permission from State.
- Conduct sale operations on summer/dry or frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state and private land.
- Permission to cross private land must be obtained by permittee.

**Marketing Conditions:**
(N/A)

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Mark A. Miller

(Appraisal ID 13957-0; Cutting Block ID 16322-0)

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
**REGULAR AUCTION**

**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**B014207**

**COUNTY: WINONA**

**AREA: LEWISTON AREA**

**ACRES: 51.6**

---

**Permit Number: B014207**

**Permit Expiration Date: 07/15/2022**

**Original Sale Date: 05/21/2019 (Sale #1, tract B23)**

**OTC Purchase End Date: 05/21/2020**

**NESE, SENE, SWNE of Section 23; NENW, NWNW of Section 25; NESE, NESW, NWSE, NSEW, SWNE, SWNW of Section 26; NENW, NWSW, SENW of Section 24 - Township 108, Range 10W.**

---

<table>
<thead>
<tr>
<th><strong>SPECIES</strong></th>
<th><strong>PRODUCT</strong></th>
<th><strong>VOLUME</strong></th>
<th><strong>UNIT</strong></th>
<th><strong>UNIT PRICE</strong></th>
<th><strong>$ VALUE</strong></th>
<th><strong>UNIT</strong></th>
<th><strong>$ VALUE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>NORWAY PINE</td>
<td>WOODSRUN MIXED</td>
<td>516.00</td>
<td>Cd</td>
<td>7.60</td>
<td>3,921.60</td>
<td>7.60</td>
<td>3,921.60</td>
</tr>
<tr>
<td>WHITE PINE</td>
<td>SAWTIMBER (SOFTWOOD ONLY)</td>
<td>210.00</td>
<td>Cd</td>
<td>19.60</td>
<td>4,116.00</td>
<td>19.60</td>
<td>4,116.00</td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>WOODSRUN MIXED</td>
<td>61.00</td>
<td>Cd</td>
<td>9.28</td>
<td>566.08</td>
<td>9.28</td>
<td>566.08</td>
</tr>
</tbody>
</table>

**NESE, SENE, SWNE of Section 23; NENW, NWNW of Section 25; NESE, NESW, NWSE, NSEW, SWNE, SWNW of Section 26; NENW, NWSW, SENW of Section 24 - Township 108, Range 10W.**

---

**Mixed Product Description:**

Norway Pine Woodsrun Mixed Products includes: Bolts 17%; Pulpwood 70%; Sawtimber (Softwood Only) 13%.

White Pine Woodsrun Sawtimber (Softwood only) includes: Bolts 13%; Pulpwood 51%; Sawtimber (Softwood Only) 36%.

White Spruce Woodsrun Mixed Products includes: Bolts 18%; Pulpwood 71%; Sawtimber (Softwood Only) 11%.

---

**Season of Operations:**

- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve. For pine thinning operations the following restrictions apply to cut pine greater than 3 inch diameter:

  December 1 to May 31: Pine cut in this period must be hauled or destroyed by June 1.
  June 1 to August 31: Pine cut in this period must be hauled or destroyed within 3 weeks.
  September 1 to November 30: No special restrictions for pine cut in this period.

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

- No sale operations allowed during the regular deer firearms season.

---

**Sale Conditions:**

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

---

**Marketing Conditions:**

Only one stand requires private land access. This stand is in section 25 and extends west into section 26. Prices reduced 30% for hauling distance and poor markets.

No harvest activity will be allowed on the sale during the regular deer firearms season.

---

**Certification Note:**

The timber on this tract is SFI and FSC certified.

---

**Appraiser:**

Kurt B. Hinz

(Appraisal ID 13742-0; Cutting Block ID 15970-0)

---

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
Permit Number: B014208  
Permit Expiration Date: 07/15/2022  
Original Sale Date: 05/21/2019 (Sale #1, tract B24)  
OTC Purchase End Date: 05/21/2020

NENE of Section 21; NENW,NWNE,NWNW,SENW,SWNW of Section 22;  
NESE,NESW,NWSE,SESE,SWNE,SWSE,SWSW of Section 15;  
NENW,NWNW,NWSE,SESE,SESW,SWSE,SWSW of Section 14 - Township 109, Range 10W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ WHITE PINE</td>
<td>PULP &amp; BOLTS</td>
<td>488.00</td>
<td>Cd</td>
<td>5.74</td>
<td>2,801.12</td>
<td>5.74</td>
<td>2,801.12</td>
</tr>
<tr>
<td>+ MIXED HARDWOODS</td>
<td>PULP &amp; BOLTS</td>
<td>84.00</td>
<td>Cd</td>
<td>5.65</td>
<td>474.60</td>
<td>5.65</td>
<td>474.60</td>
</tr>
<tr>
<td>+ WHITE SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>76.00</td>
<td>Cd</td>
<td>5.67</td>
<td>430.92</td>
<td>5.67</td>
<td>430.92</td>
</tr>
<tr>
<td>+ NORWAY PINE</td>
<td>PULP &amp; BOLTS</td>
<td>73.00</td>
<td>Cd</td>
<td>5.26</td>
<td>383.98</td>
<td>5.26</td>
<td>383.98</td>
</tr>
<tr>
<td>SCOTCH PINE</td>
<td>PULPWOOD</td>
<td>42.00</td>
<td>Cd</td>
<td>3.19</td>
<td>133.98</td>
<td>3.19</td>
<td>133.98</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 4,224.60  
ADVANCE PAYMENT = $ 633.69  
BID TOTAL = $ 4,224.60

Mixed Species Description:
Mixed Hardwoods Pulp & Bolts includes: American Elm 11%; Ash 5%; Boxelder 44%; Paper Birch 3%; Trembling Aspen 37%.

Mixed Product Description:
Mixed Hardwoods Pulp & Bolts includes: Bolts 20%; Pulpwod 80%.
Norway Pine Pulp & Bolts includes: Bolts 25%; Pulpwod 75%.
White Pine Pulp & Bolts includes: Bolts 40%; Pulpwod 60%.
White Spruce Pulp & Bolts includes: Bolts 15%; Pulpwod 85%.

Season of Operations:
- No harvest operations allowed between May 1st and October 31st , without written permission from State.
- Conduct harvest operations on frozen or dry soil conditions only, except with written permission from State.

Sale Conditions:
- Access is across State land.
- This permit will expire on 7/15/2022.

Marketing Conditions:
White pine averages 14" DBH and 4-5 sticks per tree.
White Spruce averages 9" DBH and 4 sticks per tree.
Norway pine averages 13" DBH and 5 sticks per tree.

Prices for White Pine, Mixed Hardwoods, White Spruce, and Norway Pine are all prorated by ratio of pulp vs bolts and then reduced by 15% due to haul distance to mill and reduced another 25% due to this being a first entry thinning.

Price for Scotch Pine is reduced by 15% due to haul distance to mill and reduced another 25% due to this being a first entry thinning.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Chad A. Gelner

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
### Regular Auction

**Permit Number:** B014155  
**County:** PINE  
**Area:** SANDSTONE AREA  
**Acres:** 187.7

**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 01/10/2019 (Sale #1, tract B5)  
**OTC Purchase End Date:** 01/10/2020

**UNSALESALE SALE DATA AS OF 07/25/2019**

- SWSW of Section 32; SESE, SWSE of Section 31 - Township 44, Range 16W.
- NNE, NWNE of Section 6 - Township 43, Range 16W.
- NWNW, SWNW of Section 5; NENE, SESE, NWSE, SENE, SWNE of Section 6 - Township 43, Range 16W.
- SWSW of Section 31; SESE of Section 32 - Township 44, Range 16W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED UNIT PRICE</th>
<th>APPRAISED $ VALUE</th>
<th>BID UNIT PRICE</th>
<th>BID $ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>+</strong> MAPLE SPECIES</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>516.00</td>
<td>Cd</td>
<td>6.44</td>
<td>3,323.04</td>
<td>6.44</td>
<td>3,323.04</td>
</tr>
<tr>
<td><strong>+</strong> BASSWOOD</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>249.00</td>
<td>Cd</td>
<td>3.99</td>
<td>993.51</td>
<td>3.99</td>
<td>993.51</td>
</tr>
<tr>
<td><strong>+</strong> RED OAK</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>241.00</td>
<td>Cd</td>
<td>15.25</td>
<td>3,675.25</td>
<td>15.25</td>
<td>3,675.25</td>
</tr>
<tr>
<td>ASH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>108.00</td>
<td>Cd</td>
<td>6.91</td>
<td>746.28</td>
<td>6.91</td>
<td>746.28</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>56.00</td>
<td>Cd</td>
<td>5.54</td>
<td>310.24</td>
<td>5.54</td>
<td>310.24</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $9,048.32  
**ADVANCE PAYMENT =** $1,357.25  
**BID TOTAL =** $9,048.32

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>700.00 Tons</td>
<td></td>
</tr>
</tbody>
</table>

#### Mixed Species Description:

Maple Species Woodsrun Mixed Products includes: Red Maple 27%; Sugar Maple 73%.

#### Mixed Product Description:

- **Ash Woodsrun Mixed Products** includes: Bolts 10%; Pulpwood 81%; Sawlog-Grade 2 (Hardwood) 9%.
- **Basswood Woodsrun Mixed Products** includes: Bolts 18%; Pulpwood 82%.
- **Maple Species Woodsrun Mixed Products** includes: Bolts 9%; Pulpwood 91%.
- **Paper Birch Woodsrun Mixed Products** includes: Bolts 1%; Pulpwood 99%.
- **Red Oak Woodsrun Mixed Products** includes: Bolts 10%; Pulpwood 79%; Sawlog-Grade 2 (Hardwood) 12%.

#### Season of Operations:

- Oak wilt is within 20 miles and poses a threat. No sale operations allowed from April 15-July 15 due to oak wilt concerns, unless with written permission from State (Cutting Blocks 1 and 2).
- 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 state land (Cutting Blocks 1 and 2).

#### Marketing Conditions:

Cutting block one is a circular gap shelter-wood sale; sixty-nine 80 foot radius gaps and lanes total 40 harvest acres. Lanes locations can be adjusted with TSA approval.

Cutting Block 2:
- Complete tally
- Marked intermediate thinning

(SPECIES KEY:  + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Andrew J. Kett

(SPECIES KEY: * BID SPECIES,  * SOLD ON APPRAISED VOLUME)
**Regular Auction**

**B014228**

**County:** PINE  
**Area:** SANDSTONE AREA  
**Acres:** 41.2

- **Permit Number:** B014228  
- **Permit Expiration Date:** 05/31/2022  
- **Original Sale Date:** 05/22/2019 (Sale #1, tract B1)  
- **OTC Purchase End Date:** 05/22/2020

NWSW of Section 17; NESE,NWSE,SENE,SESW,SWNE,SWSE of Section 18; NENW,NWNE,SENW of Section 19 - Township 39, Range 19W.

### Appraised and Bid

<table>
<thead>
<tr>
<th>Species</th>
<th>Product</th>
<th>Volume</th>
<th>Unit</th>
<th>Appraised Unit Price</th>
<th>Appraised $ Value</th>
<th>Bid Unit Price</th>
<th>Bid $ Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>435.00</td>
<td>Cd</td>
<td>15.30</td>
<td>6,655.50</td>
<td>15.30</td>
<td>6,655.50</td>
</tr>
<tr>
<td>+ RED MAPLE</td>
<td>PULPWOOD</td>
<td>50.00</td>
<td>Cd</td>
<td>9.35</td>
<td>467.50</td>
<td>9.35</td>
<td>467.50</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>45.00</td>
<td>Cd</td>
<td>8.50</td>
<td>382.50</td>
<td>8.50</td>
<td>382.50</td>
</tr>
<tr>
<td>ASH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>20.00</td>
<td>Cd</td>
<td>5.10</td>
<td>102.00</td>
<td>5.10</td>
<td>102.00</td>
</tr>
</tbody>
</table>

**Appraised Total = $ 7,607.50**  
**Advance Payment = $ 1,141.13**  
**Bid Total = $ 7,607.50**

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

<table>
<thead>
<tr>
<th>Species</th>
<th>Product</th>
<th>Volume</th>
<th>Unit</th>
<th>Unit Price</th>
<th>$ Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>380.00</td>
<td>Tons</td>
<td>0.85</td>
<td>0.00</td>
</tr>
</tbody>
</table>

### Mixed Species Description:
Aspen Species Pulpwood includes: Largetooth Aspen 20%; Trembling Aspen 80%.

### Mixed Product Description:
Ash Woodsrun Mixed Products includes: Pulpwood 100%.

### Season of Operations:
- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.

### Marketing Conditions:
Methods to cross stream need to be approved first

### Certification Note:
The timber on this tract is SFI and FSC certified.

### Appraiser:
David Tyler

*(Appraisal ID 14475-0; Cutting Block ID 16903-0)*
B014229  COUNTY: PINE  AREA: SANDSTONE AREA  ACRES: 101.1

 Permit Number: B014229  Permit Expiration Date: 05/31/2022  Original Sale Date: 05/22/2019 (Sale #1, tract B2)  OTC Purchase End Date: 05/22/2020

NWSE, SWNE of Section 18 - Township 42, Range 16W.  NESW, SESW of Section 18; NENW, NWNE, SENW of Section 19 - Township 42, Range 16W.  NWNW, SWNW of Section 19 - Township 42, Range 16W.  NENW, NW, NW, SWNE of Section 27 - Township 42, Range 17W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>369.00</td>
<td>Cd</td>
<td>6.34</td>
<td>2,339.46</td>
<td>6.34</td>
<td>2,339.46</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPOOD</td>
<td>187.00</td>
<td>Cd</td>
<td>14.40</td>
<td>2,692.80</td>
<td>14.40</td>
<td>2,692.80</td>
</tr>
<tr>
<td>+ OAK SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>186.00</td>
<td>Cd</td>
<td>16.86</td>
<td>3,135.96</td>
<td>16.86</td>
<td>3,135.96</td>
</tr>
<tr>
<td>+ RED MAPLE</td>
<td>PULPOOD</td>
<td>139.00</td>
<td>Cd</td>
<td>8.80</td>
<td>1,223.20</td>
<td>8.80</td>
<td>1,223.20</td>
</tr>
<tr>
<td>+ SUGAR MAPLE</td>
<td>PULPOOD</td>
<td>124.00</td>
<td>Cd</td>
<td>8.80</td>
<td>1,091.20</td>
<td>8.80</td>
<td>1,091.20</td>
</tr>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>102.00</td>
<td>Cd</td>
<td>6.90</td>
<td>703.80</td>
<td>6.90</td>
<td>703.80</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>73.00</td>
<td>Cd</td>
<td>8.86</td>
<td>646.78</td>
<td>8.86</td>
<td>646.78</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 11,833.20
ADVANCE PAYMENT = $ 1,774.98  BID TOTAL = $ 11,833.20

Optional Timber (may be purchased with an Added Timber Agreement):
ANY LISTED SPECIES  BIOMASS  264.00 Tons  1.00  0.00

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 0%; Largetooth Aspen 21%; Trembling Aspen 79%.
Oak Species Pulp & Bolts includes: Bur Oak 6%; Red Oak 94%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 33%; Pulpwood 67%.
Basswood Pulp & Bolts includes: Bolts 27%; Pulpwood 73%.
Oak Species Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.
Paper Birch Pulp & Bolts includes: Bolts 13%; Pulpwood 87%.

Season of Operations:
- Oak wilt is within 20 miles and poses a threat. No sale operations allowed from April 1 - July 15 due to oak wilt concerns, unless with written permission from State (Cutting Blocks 2 and 3).
- Oak wilt is within 20 miles and poses a threat. No sale operations allowed from April 1-July 15 due to oak wilt concerns, unless with written permission from State (Cutting Blocks 1 and 4).
- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State (Cutting Block 4).
- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Blocks 1, 2, and 3).

Sale Conditions:
- Access is across state land (Cutting Blocks 3 and 4).
- Access is across state or private land (Cutting Block 2).
- Access is across state or private and state land (Cutting Block 1).
- Permission to cross private land must be obtained by permittee (Cutting Blocks 1 and 2).

Marketing Conditions:
(N/A)

SPECIES KEY:  + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Michael Ryan Kobberdahl

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

**REGULAR AUCTION**

**B014232** | COUNTY: PINE | AREA: SANDSTONE AREA | ACRES: 15.0
---|---|---|---

Permit Number: B014232
Permit Expiration Date: 05/31/2022
Original Sale Date: 05/22/2019 (Sale #1, tract B5)
OTC Purchase End Date: 05/22/2020
NWSE, SWSE of Section 19 - Township 45, Range 16W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>+</strong> MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>125.00</td>
<td>Cd</td>
<td>8.80</td>
<td>1,100.00</td>
<td>8.80</td>
<td>1,100.00</td>
</tr>
<tr>
<td><strong>+</strong> TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>60.00</td>
<td>Cd</td>
<td>14.40</td>
<td>864.00</td>
<td>14.40</td>
<td>864.00</td>
</tr>
<tr>
<td><strong>+</strong> RED OAK</td>
<td>PULP &amp; BOLTS</td>
<td>35.00</td>
<td>Cd</td>
<td>13.60</td>
<td>476.00</td>
<td>13.60</td>
<td>476.00</td>
</tr>
<tr>
<td><strong>+</strong> PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>8.00</td>
<td>240.00</td>
<td>8.00</td>
<td>240.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>4.80</td>
<td>72.00</td>
<td>4.80</td>
<td>72.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>10.40</td>
<td>156.00</td>
<td>10.40</td>
<td>156.00</td>
</tr>
<tr>
<td>MIXED HARDWOODS</td>
<td>PULPWOOD</td>
<td>3.00</td>
<td>Cd</td>
<td>4.80</td>
<td>14.40</td>
<td>4.80</td>
<td>14.40</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $2,922.40
**ADVANCE PAYMENT =** $438.36
**BID TOTAL =** $2,922.40

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

| ANY LISTED SPECIES | BIOMASS | 168.10 | Tons | 0.80 | 0.00 |

**Mixed Species Description:**
Maple Species Pulpwood includes: Red Maple 84%; Sugar Maple 16%.
Mixed Hardwoods Pulpwood includes: American Elm 50%; Basswood 50%.

**Mixed Product Description:**
Red Oak Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

**Season of Operations:**
- Conduct felling and skidding on dry or frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
Sale is a marginal summer chance.

- Co. of Var. for maple species = 0.71
- Plots needed for Scaled standard = 21
- Plots taken = 25

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Jeremiah Thomas Fauskee

(Appraisal ID 14622-0; Cutting Block ID 17076-0)
B014264  COUNTY: PINE  AREA: SANDSTONE AREA  ACRES: 248.4

Permit Number: B014264  Permit Expiration Date: 05/31/2022
Original Sale Date: 06/11/2019 (Sale #3, tract B2)  OTC Purchase End Date: 06/11/2020

SESE,SWSE of Section 33 - Township 45, Range 16W.
NESW,NWSE,NWSW,SESW,SWSE,SWSW of Section 10; NENW,NWNW,SENW,SWNW of Section 15;
NENE,NESE,NWSE,SENE of Section 16 - Township 44, Range 16W.
NENW,NWNE of Section 3; NENE of Section 4 - Township 44, Range 16W.
NENE,NWNE,SWNE of Section 4 - Township 44, Range 16W.
NENE of Section 4 - Township 44, Range 16W.
NESW,NWNE,SENE,SENW,SSESW,SESW,SWNE of Section 34 - Township 45, Range 16W.
SESE of Section 33; SESW,SWSW of Section 34 - Township 45, Range 16W.
NENE,SNE of Section 4; NWNW,SWNW of Section 35 - Township 45, Range 16W.
NENE,NWNE,SWNE of Section 4 - Township 45, Range 16W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED</th>
<th>BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ MAPLE SPECIES</td>
<td>WOODSRUN CORDWOOD</td>
<td>1,247.00</td>
<td>Cd</td>
<td>8.80</td>
<td>10,973.60</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>382.00</td>
<td>Cd</td>
<td>8.34</td>
<td>3,185.88</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>WOODSRUN CORDWOOD</td>
<td>328.00</td>
<td>Cd</td>
<td>14.40</td>
<td>4,723.20</td>
</tr>
<tr>
<td>+ RED OAK</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>278.00</td>
<td>Cd</td>
<td>13.51</td>
<td>3,755.78</td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>WOODSRUN CORDWOOD</td>
<td>218.00</td>
<td>Cd</td>
<td>10.40</td>
<td>2,267.20</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>WOODSRUN CORDWOOD</td>
<td>138.00</td>
<td>Cd</td>
<td>4.80</td>
<td>662.40</td>
</tr>
<tr>
<td>ASH</td>
<td>WOODSRUN CORDWOOD</td>
<td>53.00</td>
<td>Cd</td>
<td>4.80</td>
<td>254.40</td>
</tr>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>966.00</td>
<td>Tons</td>
<td>0.80</td>
<td>772.80</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 26,595.26
ADVANCE PAYMENT = $ 3,989.29
BID TOTAL = $ 26,595.26

Mixed Species Description:
Aspen Species Woodsrun Cordwood includes: Largetooth Aspen 1%; Trembling Aspen 99%.
Maple Species Woodsrun Cordwood includes: Red Maple 76%; Sugar Maple 24%.

Mixed Product Description:
Paper Birch Woodsrun Mixed Products includes: Bolts 5%; Pulpwood 95%.
Red Oak Woodsrun Mixed Products includes: Bolts 25%; Pulpwood 65%; Sawlog-Grade 3 10%.

Season of Operations:
- Oak wilt is within 20 miles and poses a threat. No sale operations allowed from April 1- July 15 due to oak wilt concerns, unless with written permission from State (Cutting Block 5).
- Oak wilt is within 20 miles and poses a threat. No sale operations allowed from April 1-July 15 due to oak wilt concerns, unless with written permission from State (Cutting Block 6).
- Conduct sale operations on dry/ frozen soil conditions only, except with written permission from State (Cutting Block 4).
- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Blocks 1, 2, 3, and 6).
- Conduct sale operations on frozen or dry soil conditions only, except with written permission from State (Cutting Block 5).
- Frozen ground access across state land (Cutting Blocks 1, 2, 3, 4, and 5).

Sale Conditions:
- Access is across state land (Cutting Blocks 1, 2, 3, 4, 5, and 6).

Marketing Conditions:
Sale contains many islands in the Beldon swamp.
Access points vary by cutting block.

(SPECIES KEY: ♦ BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
A considerable amount of winter road will need to be opened/constructed. Additional islands may be available for purchase as an informal sale.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Brian S. Allshouse

(Appraisal ID 14636-0; Cutting Block ID 16275-0, 15240-0, 15250-0, 15251-0, 15214-0, 15215-0)
**Regular Auction**

**B014265**  
**County: Pine**  
**Area: Sandstone Area**  
**Acres: 56.3**

- **Permit Number:** B014265  
- **Permit Expiration Date:** 05/31/2022  
- **Original Sale Date:** 06/11/2019 (Sale #3, tract B3)  
- **OTC Purchase End Date:** 06/11/2020  
- **NENE of Section 22; NESE, NWSE, SESE, SWSE of Section 15; NWSW, SWSW of Section 14 - Township 44, Range 17W.**

### Appraised vs. Bid

<table>
<thead>
<tr>
<th>Species</th>
<th>Product</th>
<th>Volume</th>
<th>Unit</th>
<th>Price</th>
<th>Value</th>
<th>Bid Price</th>
<th>Bid Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Red Maple</strong></td>
<td>Pulp &amp; Bolts</td>
<td>1,125.00</td>
<td>Cd</td>
<td>13.68</td>
<td>15,390.00</td>
<td>13.68</td>
<td>15,390.00</td>
</tr>
<tr>
<td><strong>Trembling Aspen</strong></td>
<td>Pulp &amp; Bolts</td>
<td>222.00</td>
<td>Cd</td>
<td>16.20</td>
<td>3,596.40</td>
<td>16.20</td>
<td>3,596.40</td>
</tr>
<tr>
<td><strong>Paper Birch</strong></td>
<td>Pulp &amp; Bolts</td>
<td>164.00</td>
<td>Cd</td>
<td>13.32</td>
<td>2,184.48</td>
<td>13.32</td>
<td>2,184.48</td>
</tr>
</tbody>
</table>

**Appraised Total:** $21,170.88  
**Advance Payment:** $3,175.63  
**Bid Total:** $21,170.88

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

- **Any Listed Species Biomass:** 840.00 Tons  
  - **Bid:** 1.00  
  - **Value:** 0.00

### Mixed Product Description:

- Paper Birch Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.
- Red Maple Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.
- Trembling Aspen Pulp & Bolts includes: Bolts 90%; Pulpwood 10%.

### Season of Operations:

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

### Sale Conditions:

- Access is across State land.

### Marketing Conditions:

Stand is located approximately 1.5 miles from Park Forest Rd down an old winter road through spruce, then across a lowland brush/alder swamp.

### Certification Note:

The timber on this tract is SFI and FSC certified.

### Appraiser:

Christopher Henkel

(Appraisal ID 14596-0; Cutting Block ID 17045-0)

(Species Key: + Bid Species, * Sold on Appraised Volume)
<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>SPECIES</th>
<th>TOTAL VOLUME</th>
<th>UNIT</th>
<th>AVERAGE UNIT PRICE</th>
<th>APPRAISED $ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOMASS</td>
<td>ANY LISTED SPECIES</td>
<td>966.00</td>
<td>Tons</td>
<td>0.80</td>
<td>772.80</td>
</tr>
<tr>
<td></td>
<td>ANY LISTED SPECIES (optional)</td>
<td>39,138.10</td>
<td>Tons</td>
<td>0.96</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>MISCELLANEOUS</td>
<td>2,290.00</td>
<td>Tons</td>
<td>1.00</td>
<td>2,290.00</td>
</tr>
<tr>
<td>FUELWOOD</td>
<td>ASH (optional)</td>
<td>10.00</td>
<td>Cd</td>
<td>7.00</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>MIXED HARDWOODS</td>
<td>8.00</td>
<td>Cd</td>
<td>7.00</td>
<td>56.00</td>
</tr>
<tr>
<td></td>
<td>TAMARACK</td>
<td>1,800.00</td>
<td>Cd</td>
<td>2.50</td>
<td>4,500.00</td>
</tr>
<tr>
<td>PULP &amp; BOLTS</td>
<td>ASH</td>
<td>2,599.00</td>
<td>Cd</td>
<td>7.88</td>
<td>20,817.70</td>
</tr>
<tr>
<td></td>
<td>ASPEN SPECIES</td>
<td>179.00</td>
<td>Cd</td>
<td>18.49</td>
<td>3,830.52</td>
</tr>
<tr>
<td></td>
<td>BALSAF FIR</td>
<td>379.00</td>
<td>Cd</td>
<td>13.74</td>
<td>5,385.05</td>
</tr>
<tr>
<td></td>
<td>BASSWOOD</td>
<td>439.00</td>
<td>Cd</td>
<td>8.08</td>
<td>2,940.96</td>
</tr>
<tr>
<td></td>
<td>BITTERNUT HICKORY</td>
<td>20.00</td>
<td>Cd</td>
<td>9.26</td>
<td>185.20</td>
</tr>
<tr>
<td></td>
<td>BLACK SPRUCE</td>
<td>2,325.00</td>
<td>Cd</td>
<td>18.76</td>
<td>43,617.00</td>
</tr>
<tr>
<td></td>
<td>JACK PINE</td>
<td>1,050.00</td>
<td>Cd</td>
<td>11.95</td>
<td>15,527.00</td>
</tr>
<tr>
<td></td>
<td>LARGETOOTH ASPEN</td>
<td>30.00</td>
<td>Cd</td>
<td>8.40</td>
<td>252.00</td>
</tr>
<tr>
<td></td>
<td>MAPLE SPECIES</td>
<td>213.00</td>
<td>Cd</td>
<td>12.16</td>
<td>2,590.08</td>
</tr>
<tr>
<td></td>
<td>MIXED HARDWOODS</td>
<td>84.00</td>
<td>Cd</td>
<td>5.65</td>
<td>474.60</td>
</tr>
<tr>
<td></td>
<td>MIXED SPRUCE</td>
<td>1,450.00</td>
<td>Cd</td>
<td>12.57</td>
<td>20,767.10</td>
</tr>
<tr>
<td></td>
<td>NORTHERN HARDWOODS</td>
<td>35.00</td>
<td>Cd</td>
<td>19.82</td>
<td>693.70</td>
</tr>
<tr>
<td></td>
<td>NORWAY PINE</td>
<td>1,858.00</td>
<td>Cd</td>
<td>15.71</td>
<td>32,489.58</td>
</tr>
<tr>
<td></td>
<td>OAK SPECIES</td>
<td>186.00</td>
<td>Cd</td>
<td>16.86</td>
<td>3,135.96</td>
</tr>
<tr>
<td></td>
<td>PAPER BIRCH</td>
<td>520.00</td>
<td>Cd</td>
<td>10.72</td>
<td>5,964.76</td>
</tr>
<tr>
<td></td>
<td>PINE SPECIES</td>
<td>929.00</td>
<td>Cd</td>
<td>4.67</td>
<td>4,338.43</td>
</tr>
<tr>
<td></td>
<td>RED MAPLE</td>
<td>1,125.00</td>
<td>Cd</td>
<td>13.68</td>
<td>15,390.00</td>
</tr>
<tr>
<td></td>
<td>RED OAK</td>
<td>35.00</td>
<td>Cd</td>
<td>13.60</td>
<td>476.00</td>
</tr>
<tr>
<td></td>
<td>SPRUCE-BALSAM</td>
<td>61.00</td>
<td>Cd</td>
<td>13.70</td>
<td>835.70</td>
</tr>
<tr>
<td></td>
<td>TAMARACK</td>
<td>8,120.00</td>
<td>Cd</td>
<td>4.38</td>
<td>33,704.00</td>
</tr>
<tr>
<td></td>
<td>TREMBLING ASPEN</td>
<td>471.00</td>
<td>Cd</td>
<td>15.60</td>
<td>7,331.40</td>
</tr>
<tr>
<td></td>
<td>WHITE PINE</td>
<td>1,537.40</td>
<td>Cd</td>
<td>7.01</td>
<td>11,259.17</td>
</tr>
<tr>
<td></td>
<td>WHITE SPRUCE</td>
<td>166.00</td>
<td>Cd</td>
<td>14.84</td>
<td>2,167.82</td>
</tr>
<tr>
<td>PULPWOOD</td>
<td>ASH</td>
<td>363.00</td>
<td>Cd</td>
<td>4.26</td>
<td>1,719.00</td>
</tr>
<tr>
<td></td>
<td>ASPEN SPECIES</td>
<td>22,235.00</td>
<td>Cd</td>
<td>12.70</td>
<td>252,176.57</td>
</tr>
<tr>
<td></td>
<td>BALSAF FIR</td>
<td>2,363.00</td>
<td>Cd</td>
<td>9.53</td>
<td>20,822.50</td>
</tr>
<tr>
<td></td>
<td>BASSWOOD</td>
<td>7.00</td>
<td>Cd</td>
<td>7.00</td>
<td>49.00</td>
</tr>
<tr>
<td></td>
<td>BLACK SPRUCE</td>
<td>7,181.00</td>
<td>Cd</td>
<td>10.88</td>
<td>80,506.75</td>
</tr>
<tr>
<td></td>
<td>JACK PINE</td>
<td>138.00</td>
<td>Cd</td>
<td>6.60</td>
<td>982.34</td>
</tr>
<tr>
<td></td>
<td>MAPLE SPECIES</td>
<td>677.00</td>
<td>Cd</td>
<td>9.44</td>
<td>5,834.00</td>
</tr>
<tr>
<td></td>
<td>MIXED HARDWOODS</td>
<td>81.00</td>
<td>Cd</td>
<td>5.47</td>
<td>371.10</td>
</tr>
<tr>
<td></td>
<td>MIXED SPRUCE</td>
<td>1,765.00</td>
<td>Cd</td>
<td>11.82</td>
<td>22,280.30</td>
</tr>
<tr>
<td></td>
<td>NORTHERN HARDWOODS</td>
<td>756.00</td>
<td>Cd</td>
<td>7.86</td>
<td>5,437.99</td>
</tr>
<tr>
<td></td>
<td>NORTHERN HARDWOODS (optional)</td>
<td>40.00</td>
<td>Cd</td>
<td>4.50</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>NORWAY PINE</td>
<td>391.20</td>
<td>Cd</td>
<td>3.90</td>
<td>1,637.35</td>
</tr>
<tr>
<td></td>
<td>OAK SPECIES</td>
<td>214.00</td>
<td>Cd</td>
<td>12.24</td>
<td>2,619.36</td>
</tr>
<tr>
<td></td>
<td>PAPER BIRCH</td>
<td>4,454.00</td>
<td>Cd</td>
<td>7.15</td>
<td>20,954.70</td>
</tr>
<tr>
<td></td>
<td>RED MAPLE</td>
<td>1,812.00</td>
<td>Cd</td>
<td>9.39</td>
<td>17,859.50</td>
</tr>
<tr>
<td></td>
<td>RED OAK</td>
<td>500.00</td>
<td>Cd</td>
<td>9.00</td>
<td>4,500.00</td>
</tr>
<tr>
<td></td>
<td>SCOTCH PINE</td>
<td>70.00</td>
<td>Cd</td>
<td>4.33</td>
<td>252.78</td>
</tr>
<tr>
<td></td>
<td>SPRUCE-BALSAM</td>
<td>385.00</td>
<td>Cd</td>
<td>2.50</td>
<td>962.50</td>
</tr>
<tr>
<td></td>
<td>SUGAR MAPLE</td>
<td>124.00</td>
<td>Cd</td>
<td>8.80</td>
<td>1,091.20</td>
</tr>
<tr>
<td></td>
<td>TAMARACK</td>
<td>8,952.00</td>
<td>Cd</td>
<td>3.59</td>
<td>36,355.80</td>
</tr>
<tr>
<td></td>
<td>TREMBLING ASPEN</td>
<td>1,981.00</td>
<td>Cd</td>
<td>12.10</td>
<td>17,936.40</td>
</tr>
<tr>
<td></td>
<td>TREMBLING ASPEN (optional)</td>
<td>100.00</td>
<td>Cd</td>
<td>10.00</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>WHITE CEDAR</td>
<td>605.00</td>
<td>Cd</td>
<td>4.95</td>
<td>2,548.50</td>
</tr>
<tr>
<td></td>
<td>WHITE CEDAR (optional)</td>
<td>20.00</td>
<td>Cd</td>
<td>5.10</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>WHITE SPRUCE</td>
<td>1,118.10</td>
<td>Cd</td>
<td>7.14</td>
<td>2,956.08</td>
</tr>
<tr>
<td>PRODUCT</td>
<td>SPECIES</td>
<td>TOTAL VOLUME</td>
<td>UNIT</td>
<td>AVERAGE UNIT PRICE</td>
<td>APPRAISED $ VALUE</td>
</tr>
<tr>
<td>-------------------------</td>
<td>----------------------</td>
<td>--------------</td>
<td>-------</td>
<td>--------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>SAWLOG-GRADE 3</td>
<td>BITTERNUT HICKORY</td>
<td>0.10</td>
<td>MBF</td>
<td>30.00</td>
<td>3.00</td>
</tr>
<tr>
<td>(HARDWOOD)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAWLOGS / VENEER</td>
<td>RED OAK</td>
<td>18.60</td>
<td>MBF</td>
<td>277.00</td>
<td>5,152.20</td>
</tr>
<tr>
<td>SAWT Im E RER</td>
<td>BLACK OAK</td>
<td>11.60</td>
<td>MBF</td>
<td>159.00</td>
<td>1,844.40</td>
</tr>
<tr>
<td></td>
<td>MIXED HARDWOODS</td>
<td>4.30</td>
<td>MBF</td>
<td>32.90</td>
<td>141.47</td>
</tr>
<tr>
<td></td>
<td>NORWAY PINE</td>
<td>10.00</td>
<td>MBF</td>
<td>150.00</td>
<td>1,500.00</td>
</tr>
<tr>
<td></td>
<td>RED OAK</td>
<td>11.00</td>
<td>MBF</td>
<td>155.00</td>
<td>1,705.00</td>
</tr>
<tr>
<td>SAWTIMBER</td>
<td>ASH</td>
<td>4.88</td>
<td>MBF</td>
<td>67.24</td>
<td>328.13</td>
</tr>
<tr>
<td></td>
<td>BASSWOOD</td>
<td>1.12</td>
<td>MBF</td>
<td>53.61</td>
<td>60.04</td>
</tr>
<tr>
<td></td>
<td>BLACK CHERRY</td>
<td>1.07</td>
<td>MBF</td>
<td>130.36</td>
<td>139.49</td>
</tr>
<tr>
<td></td>
<td>RED OAK</td>
<td>0.52</td>
<td>MBF</td>
<td>247.02</td>
<td>128.45</td>
</tr>
<tr>
<td></td>
<td>SUGAR MAPLE</td>
<td>5.99</td>
<td>MBF</td>
<td>141.70</td>
<td>848.78</td>
</tr>
<tr>
<td></td>
<td>WHITE OAK</td>
<td>0.11</td>
<td>MBF</td>
<td>128.45</td>
<td>14.13</td>
</tr>
<tr>
<td>WOODSRUN CORDWOOD</td>
<td>ASH</td>
<td>53.00</td>
<td>Cd</td>
<td>4.80</td>
<td>254.40</td>
</tr>
<tr>
<td></td>
<td>ASPEN SPECIES</td>
<td>3,263.00</td>
<td>Cd</td>
<td>5.41</td>
<td>11,817.45</td>
</tr>
<tr>
<td></td>
<td>BALSAM FIR</td>
<td>313.00</td>
<td>Cd</td>
<td>8.84</td>
<td>2,957.85</td>
</tr>
<tr>
<td></td>
<td>BASSWOOD</td>
<td>138.00</td>
<td>Cd</td>
<td>4.80</td>
<td>662.40</td>
</tr>
<tr>
<td></td>
<td>BLACK SPRUCE</td>
<td>805.00</td>
<td>Cd</td>
<td>6.80</td>
<td>5,474.00</td>
</tr>
<tr>
<td></td>
<td>MAPLE SPECIES</td>
<td>1,247.00</td>
<td>Cd</td>
<td>8.80</td>
<td>10,973.60</td>
</tr>
<tr>
<td></td>
<td>TAMARACK</td>
<td>20.00</td>
<td>Cd</td>
<td>2.55</td>
<td>51.00</td>
</tr>
<tr>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>ASH</td>
<td>503.00</td>
<td>Cd</td>
<td>5.80</td>
<td>2,873.28</td>
</tr>
<tr>
<td></td>
<td>BASSWOOD</td>
<td>249.00</td>
<td>Cd</td>
<td>3.99</td>
<td>993.51</td>
</tr>
<tr>
<td></td>
<td>MAPLE SPECIES</td>
<td>516.00</td>
<td>Cd</td>
<td>6.44</td>
<td>3,323.04</td>
</tr>
<tr>
<td></td>
<td>NORWAY PINE</td>
<td>1,596.00</td>
<td>Cd</td>
<td>18.73</td>
<td>32,078.60</td>
</tr>
<tr>
<td></td>
<td>PAPER BIRCH</td>
<td>438.00</td>
<td>Cd</td>
<td>6.94</td>
<td>3,496.12</td>
</tr>
<tr>
<td></td>
<td>PINE SPECIES</td>
<td>715.00</td>
<td>Cd</td>
<td>29.12</td>
<td>20,820.80</td>
</tr>
<tr>
<td></td>
<td>RED OAK</td>
<td>804.00</td>
<td>Cd</td>
<td>18.79</td>
<td>15,297.03</td>
</tr>
<tr>
<td></td>
<td>WHITE PINE</td>
<td>1,444.40</td>
<td>Cd</td>
<td>16.01</td>
<td>20,224.85</td>
</tr>
<tr>
<td></td>
<td>WHITE SPRUCE</td>
<td>206.00</td>
<td>Cd</td>
<td>10.21</td>
<td>2,179.93</td>
</tr>
<tr>
<td>WOODSRUN SAWTIMBER</td>
<td>NORWAY PINE</td>
<td>35.00</td>
<td>MBF</td>
<td>102.00</td>
<td>3,570.00</td>
</tr>
<tr>
<td>(SOFTWOOD ONLY)</td>
<td>WHITE PINE</td>
<td>210.00</td>
<td>Cd</td>
<td>19.60</td>
<td>4,116.00</td>
</tr>
<tr>
<td></td>
<td>WHITE SPRUCE</td>
<td>150.00</td>
<td>Cd</td>
<td>16.10</td>
<td>2,415.00</td>
</tr>
</tbody>
</table>

TOTAL APPRAISED DOLLAR VALUE OF UNSOLD TRACTS: $897,098.20
TOTAL ACRES UNSOLD: 33,976.6
TOTAL NUMBER OF TRACTS UNSOLD: 68
INTERMEDIATE AUCTION
UNSOLD TRACTS AVAILABLE FOR OVER-THE-COUNTER PURCHASE

On the next regular business day (8:00 AM - 4:30 PM, Monday - Friday, except holidays) after the date of an Intermediate Auction timber sale, unsold tracts may be available for over-the-counter (OTC) purchase at the appraised price for a period up to one year. The unsold tracts listed in this notice are currently available for purchase. To purchase an unsold tract, contact the Forestry Area where the tract is located (contact information is listed below). Beginning 30 days after the auction date (Original Sale 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.
<table>
<thead>
<tr>
<th>RAN</th>
<th>FORESTRY OFFICE</th>
<th>ADDRESS</th>
<th>PHONE</th>
<th>PERMIT(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>111</td>
<td>Bemidji Area Forestry Office</td>
<td>2220 Bemidji Ave N., Bemidji, MN 56601-3896</td>
<td>218-308-2065</td>
<td>X016435, X016804, X016803, X016802, X016801, X016800, X016798, X016785, X016742, X016741, X016740, X016739, X016391, X016382, X016381, X016343, X016834, X016833, X016831, X016829, X016821, X016819, X016815, X016814, X016809, X016807, X016762, X016760, X016749, X016745, X016744, X016440, X016437, X016374, X016373, X016372, X016362, X016359, X016350, X016348, X016347, X016346</td>
</tr>
<tr>
<td>121</td>
<td>Warroad Area Forestry Office</td>
<td>804 Cherne Drive NW, Warroad, MN 56763-2407</td>
<td>218-386-1304</td>
<td>X016343, X016834, X016833, X016831, X016829, X016821, X016819, X016815, X016814, X016809, X016807, X016762, X016760, X016749, X016745, X016744, X016440, X016437, X016374, X016373, X016372, X016362, X016359, X016350, X016348, X016347, X016346</td>
</tr>
<tr>
<td>131</td>
<td>Baudette Area Forestry Office</td>
<td>206 Main Street E., Baudette, MN 56623</td>
<td>218-634-2172</td>
<td>X016439, X016677, X016670</td>
</tr>
<tr>
<td>142</td>
<td>Backus Area Forestry Office</td>
<td>P.O. Box 6, Backus, MN 56435</td>
<td>218-947-3232</td>
<td>X016399, X016729, X016727, X016725, X016627, X016617, X016616, X016613, X016406, X016405, X016404</td>
</tr>
<tr>
<td>221</td>
<td>Deer River Area Forestry Office</td>
<td>P.O. Box 157 (403 Division St.), Deer River, MN 56636-0157</td>
<td>218-246-8343</td>
<td>X016720, X016608, X016606, X016602</td>
</tr>
<tr>
<td>232</td>
<td>Aitkin Area Forestry Office</td>
<td>1200 Minnesota Avenue S., Aitkin, MN 56431</td>
<td>218-429-3011</td>
<td>X016550, X016549, X016548, X016547, X016545, X016544, X016541, X016540, X016539, X016537, X016536, X016535, X016534, X016532, X016530, X016527, X016526, X016524, X016523, X016522, X016521, X016520, X016518, X016517, X016516, X016703, X016702, X016701, X016699, X016698, X016697, X016696, X016695, X016694, X016693, X016691, X016688, X016686, X016412, X016411, X016410, X016295, X016289</td>
</tr>
<tr>
<td>234</td>
<td>Hibbing Area Forestry Office</td>
<td>1208 E. Howard Street, Hibbing, MN 55746</td>
<td>218-231-8020</td>
<td>X016570, X016590, X016586, X016584, X016582, X016581, X016575, X016574, X016573, X016572</td>
</tr>
<tr>
<td>Permit</td>
<td>Forestry Office</td>
<td>Address</td>
<td>Contact Phone</td>
<td>Permit Numbers</td>
</tr>
<tr>
<td>--------</td>
<td>----------------</td>
<td>---------</td>
<td>---------------</td>
<td>----------------</td>
</tr>
<tr>
<td>245</td>
<td>Tower Area Forestry Office</td>
<td>650 highway 169, Tower, MN 55790</td>
<td>218-300-7821</td>
<td>X016303, X016665, X016664, X016663, X016660, X016659, X016653, X016651, X016716, X016714, X016713, X016311</td>
</tr>
<tr>
<td>251</td>
<td>Cloquet Area Forestry Office</td>
<td>1604 S. Hwy 33, Cloquet, MN 55720</td>
<td>218-878-5641</td>
<td>X016481, X016489, X016485, X016484, X016483</td>
</tr>
<tr>
<td>253</td>
<td>Two Harbors Area Forestry Office</td>
<td>1568 Highway 2, Two Harbors, MN 55616</td>
<td>218-834-1420</td>
<td>X016394, X016777, X016776, X016770, X016789, X016767, X016764, X016707, X016398, X016396, X016395</td>
</tr>
<tr>
<td>261</td>
<td>Littlefork Area Forestry Office</td>
<td>P.O. Box 65 (421 3rd Ave), Littlefork, MN 56653</td>
<td>218-278-6651</td>
<td>X016723, X016635</td>
</tr>
<tr>
<td>344</td>
<td>Sandstone Area Forestry Office</td>
<td>613 Hwy 23 S., Sandstone, MN 55072</td>
<td>320-245-6789</td>
<td>X016475, X016566, X016563, X016562, X016561, X016559, X016558, X016557, X016556, X016555, X016554, X016463, X016457, X016450, X016476</td>
</tr>
</tbody>
</table>

Information regarding SFI ® and FSC © certification is located in the individual tract listings.

The following pages list the lands upon which the timber is located, the estimated quantities of timber that are offered, and the appraised prices. Full details of harvest specifications are included in a permit's Timber Appraisal Report; only the season of operations, sale conditions, and marketing conditions from the appraisal are included in this notice.

Unsold tracts from Regular Auctions are listed first in this notice, followed by unsold tracts from Intermediate Auctions. Tracts are listed in order by Forestry Office and Permit Number.
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

MINNESOTA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY
INTERMEDIATE AUCTION

UNSOLD TRACTS AVAILABLE FOR OVER-THE-COUNTER PURCHASE

TERMS OF SALE
- The auction sales(s) was held according to Minnesota Statutes § 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 the responsible bidder who pays the appraised price for all timber species advertised on each unsold tract.

REGISTRATION AND ELIGIBLE BIDDERS
- Interested persons must be registered at least four (4) business days prior to the purchase of an unsold tract by submitting an Annual Timber Sales Purchaser Registration form. No bid purchase will be allowed from anyone having a delinquent timber sale 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 of Intermediate Auction tracts is limited to registered persons or companies with 30 or fewer employees. Beginning 30 days after the auction date (Original Sale 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.

DOWN PAYMENT
- Purchasers of timber must pay a down payment of fifteen (15) percent of the appraised value of the timber at the time of purchase. 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 purchase, 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.

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. 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, 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 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 purchase 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.

(Terms Revised 06/14/2015)
X016381 | COUNTY: HUBBARD | AREA: BEMIDJI AREA | ACRES: 7.8

Permit Number: X016381  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 12/13/2018 (Sale #5, tract X6)  
OTC Purchase End Date: 12/13/2019  
GL01,GL02,GL03 of Section 31 - Township 145, Range 33W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>155.00</td>
<td>Cd</td>
<td>7.41</td>
<td>1,148.55</td>
<td>1,148.55</td>
</tr>
<tr>
<td>AMERICAN ELM</td>
<td>PULPWOOD</td>
<td>6.00</td>
<td>Cd</td>
<td>5.20</td>
<td>31.20</td>
<td>31.20</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>9.10</td>
<td>45.50</td>
<td>45.50</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>7.80</td>
<td>39.00</td>
<td>39.00</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>15.60</td>
<td>78.00</td>
<td>78.00</td>
</tr>
<tr>
<td>BUR OAK</td>
<td>PULPWOOD</td>
<td>3.00</td>
<td>Cd</td>
<td>10.40</td>
<td>31.20</td>
<td>31.20</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 1,373.45**  
**ADVANCE PAYMENT = $ 206.02**  
**BID TOTAL = $ 1,373.45**

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
<th>VOLUME</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>170.00</td>
<td>Tons</td>
<td>0.65</td>
</tr>
</tbody>
</table>

**Mixed Product Description:**  
Ash Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

**Season of Operations:**  
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**  
- Access is across private land.  
- Permission to cross private land must be obtained by permittee.

**Marketing Conditions:**  
Sale is located .5 miles from County Rd. 118 across private land from the south or .75 miles from 219th Ave. across private from the north east. There are quality ash trees with straight boles that contain bolts.

**Certification Note:**  
The timber on this tract is SFI and FSC certified.

**Appraiser:**  
Andrew Kernan

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

INTERMEDIATE AUCTION

X016382  COUNTY: CLEARWATER  AREA: BEMIDJI AREA  ACRES: 31.4

Permit Number: X016382
Permit Expiration Date: 05/31/2022

Original Sale Date: 12/13/2018 (Sale #5, tract X7)
OTC Purchase End Date: 12/13/2019

NENW, SENW of Section 32 - Township 145, Range 37W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>BID UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>125.00</td>
<td>Cd</td>
<td>7.32</td>
<td>915.00</td>
<td>7.32</td>
<td>915.00</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>95.00</td>
<td>Cd</td>
<td>13.68</td>
<td>1,299.60</td>
<td>13.68</td>
<td>1,299.60</td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
<td>95.00</td>
<td>Cd</td>
<td>10.34</td>
<td>982.30</td>
<td>10.34</td>
<td>982.30</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>45.00</td>
<td>Cd</td>
<td>7.20</td>
<td>324.00</td>
<td>7.20</td>
<td>324.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 3,520.90
ADVANCE PAYMENT = $ 528.14
BID TOTAL = $ 3,520.90

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>300.00</td>
<td>0.60</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 30%; Trembling Aspen 70%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 36%; Pulpwood 60%; Sawlog-Grade 3 (Hardwood) 4%.
Balsam Fir Pulp & Bolts includes: Bolts 27%; Pulpwood 73%.

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

Sale Conditions:
- Access is across state or private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
Sale is located 2 miles north of the town of Zerkel and 1/2 mile west of MN 92. Access across state land will require snow/ice bridge to cross Wild Rice River. No water crossing permit required if snow/ice bridge is used and no stream bank disturbance occurs.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Andrew Kernan

(Appraisal ID 13855-0; Cutting Block ID 16226-0)

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
### X016391  COUNTY: BELTRAMI  AREA: BEMIDJI AREA  ACRES: 15.0

Permit Number: X016391  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 12/13/2018 (Sale #5, tract X16)  
OTC Purchase End Date: 12/13/2019  

NESW, NWSW, SESW of Section 25 - Township 155, Range 32W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT Quantity</th>
<th>APPRAISED UNIT PRICE</th>
<th>APPRAISED VALUE</th>
<th>BID UNIT PRICE</th>
<th>BID VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH PULPWOOD</td>
<td>98.00 Cd</td>
<td>6.75</td>
<td>661.50</td>
<td>6.75</td>
<td>661.50</td>
<td>6.75</td>
<td>661.50</td>
</tr>
<tr>
<td>PAPER BIRCH PULPWOOD</td>
<td>45.00 Cd</td>
<td>9.00</td>
<td>405.00</td>
<td>9.00</td>
<td>405.00</td>
<td>9.00</td>
<td>405.00</td>
</tr>
<tr>
<td>BLACK SPRUCE PULPWOOD</td>
<td>35.00 Cd</td>
<td>12.75</td>
<td>446.25</td>
<td>12.75</td>
<td>446.25</td>
<td>12.75</td>
<td>446.25</td>
</tr>
<tr>
<td>ASPEN SPECIES PULPWOOD</td>
<td>24.00 Cd</td>
<td>17.85</td>
<td>428.40</td>
<td>17.85</td>
<td>428.40</td>
<td>17.85</td>
<td>428.40</td>
</tr>
<tr>
<td>TAMARACK PULPWOOD</td>
<td>19.00 Cd</td>
<td>4.50</td>
<td>85.50</td>
<td>4.50</td>
<td>85.50</td>
<td>4.50</td>
<td>85.50</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 2,026.65**  
**ADVANCE PAYMENT = $ 304.00**  
**BID TOTAL = $ 2,026.65**

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
<th>VOLUME</th>
<th>UNIT Quantity</th>
<th>BID UNIT PRICE</th>
<th>BID VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.00 Tons</td>
<td>0.75</td>
<td>0.00</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
From the intersection of Highway 72 and Shoreline Dr. NE, drive west on Shoreline Dr. NE for 6.7 miles. Turn west onto Blanchard Tr. and drive for 1 mile to sale access route. Sale is located approximately 75 miles from Bemidji, 105 miles from Grand Rapids, 105 miles from International Falls, and 175 miles from Cloquet.

Certification Note:
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Andrew R. Weston

 Xuân năm: 7/25/2019

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

X016435 COUNTY: BELTRAMI AREA: BEMIDJI AREA ACRES: 16.2

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>130.00</td>
<td>Cd</td>
<td>18.20</td>
<td>2,366.00</td>
<td>18.20</td>
<td>2,366.00</td>
</tr>
<tr>
<td>+ TAMARACK</td>
<td>PULPWOOD</td>
<td>115.00</td>
<td>Cd</td>
<td>2.34</td>
<td>269.10</td>
<td>2.34</td>
<td>269.10</td>
</tr>
<tr>
<td>+ BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>85.00</td>
<td>Cd</td>
<td>13.00</td>
<td>1,105.00</td>
<td>13.00</td>
<td>1,105.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>11.45</td>
<td>171.75</td>
<td>11.45</td>
<td>171.75</td>
</tr>
<tr>
<td>WHITE CEDAR</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>4.60</td>
<td>46.00</td>
<td>4.60</td>
<td>46.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>7.65</td>
<td>38.25</td>
<td>7.65</td>
<td>38.25</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>9.95</td>
<td>49.75</td>
<td>9.95</td>
<td>49.75</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 4,045.85**

**ADVANCE PAYMENT = $ 606.88**

**BID TOTAL = $ 4,045.85**

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

| ANY LISTED SPECIES | BIOMASS | 150.00 | Tons | 0.80 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.

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

Sale Conditions:
- Access is across state land.
- Permission to cross state land must be obtained by permittee.

Marketing Conditions:
Sale is located 1/10th of a mile west of HWY 72 off of Artesian Spring Road.
To access harvest area head north on trail off the Wild Rice Road.
1/4 mile of trail will need to be constructed through aspen regeneration.
Flagged out trail from tamarack stand to aspen stand will need to be widened.
Sale is surrounded by state land.
Stands have areas dense with cedar.
Tamarack is 90% dead.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Morgan Lea Michels

(Appraisal ID 13826-0; Cutting Block ID 16203-0)
X016739  COUNTY: BELTRAMI  AREA: BEMIDJI AREA  ACRES: 33.6

Permit Number: X016739  
Permit Expiration Date: 05/31/2021  
Original Sale Date: 06/13/2019 (Sale #4, tract X15)  
OTC Purchase End Date: 06/13/2020

NESE,NWSE,SENE,SWNE of Section 16 - Township 151, Range 31W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>335.00</td>
<td>Cd</td>
<td>7.50</td>
<td>2,512.50</td>
<td>7.50</td>
<td>2,512.50</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>210.00</td>
<td>Cd</td>
<td>10.00</td>
<td>2,100.00</td>
<td>10.00</td>
<td>2,100.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>100.00</td>
<td>Cd</td>
<td>6.00</td>
<td>600.00</td>
<td>6.00</td>
<td>600.00</td>
</tr>
<tr>
<td>WHITE CEDAR</td>
<td>PULPWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>6.00</td>
<td>210.00</td>
<td>6.00</td>
<td>210.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>12.00</td>
<td>120.00</td>
<td>12.00</td>
<td>120.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 5,542.50
ADVANCE PAYMENT = $ 831.38
BID TOTAL = $ 5,542.50

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

Sale Conditions:
- Access is across state and county land.
- Permission to cross private and county land must be obtained by permittee.
- Best access is across private, county and state land to the south of the permit.

Marketing Conditions:
Black spruce, aspen and fir have been partially affected by a blowdown event during the summer of 2018. Approximately 40% of the spruce volume, 25% of the fir volume and 20% of the aspen volume are damaged or dead. Damage is mostly uprooting with <30% snapped trees. Blowdown volume base prices are reduced 50%.

Sale is located west of the Pine Ridge Cemetery off of Corlan Rd approximately 14 miles N of Blackduck and 13 miles W of Kelliher.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nick L. Severson

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
UNSOLED TIMBER SALES - DATA AS OF 07/25/2019

X016740  COUNTY: BELTRAMI  AREA: BEMIDJI AREA  ACRES: 93.0

Permit Number: X016740
Permit Expiration Date: 05/31/2022

Original Sale Date: 06/13/2019 (Sale #4, tract X16)
OTC Purchase End Date: 06/13/2020

NESE,NWSE,SESE,SWSE of Section 15 - Township 153, Range 31W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>550.00</td>
<td>Cd</td>
<td>9.50</td>
<td>5,225.00</td>
<td>9.50</td>
<td>5,225.00</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>50.00</td>
<td>Cd</td>
<td>17.90</td>
<td>895.00</td>
<td>17.90</td>
<td>895.00</td>
</tr>
<tr>
<td>BUR OAK</td>
<td>PULP &amp; BOLTS</td>
<td>20.00</td>
<td>Cd</td>
<td>17.70</td>
<td>354.00</td>
<td>17.70</td>
<td>354.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>20.00</td>
<td>Cd</td>
<td>12.65</td>
<td>253.00</td>
<td>12.65</td>
<td>253.00</td>
</tr>
<tr>
<td>WHITE CEDAR</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>5.60</td>
<td>56.00</td>
<td>5.60</td>
<td>56.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 6,783.00
BID TOTAL = $ 6,783.00
ADVANCE PAYMENT = $ 1,017.45

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

| ANY LISTED SPECIES | BIOMASS | 377.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 25%; Trembling Aspen 75%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Bur Oak Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
Paper Birch Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale is located about 3 miles east of Shotley, 1.5 miles north on Blossum Lane Rd off of Shotley Rd.

Price adjustments (-7%) were done for ice road maintenance and upkeep. Operational constraints are due to present site conditions. Site is low ground, wet ash, with few quality trees over area to be cut under the required silvicultural prescription.

Haul Distance to Nearest Mills
- Potlatch Deltic-Bemidji: 64 miles
- Norbord MN-Solway: 61 miles
- Blandin Paper-Grand Rapids: 93 miles
- Erickson Timber Products-Baudette: 49 miles
- PCA-International Falls: 118 miles
- Northwoods Lumber Co-Blackduck: 38 miles
- Land O Lakes Wood Preserving C0-Tenstrike: 46 miles

Certification Note:
The timber on this tract is SFI and FSC certified.

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**COUNTY: BELTRAMI**

Permit Number: X016741  
Permit Expiration Date: 05/31/2022  
NESE,NWSE,SWSE of Section 16 - Township 153, Range 31W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASH</strong></td>
<td>PULP &amp; BOLTS</td>
<td>550.00</td>
<td>Cd</td>
<td>10.60</td>
<td>5,830.00</td>
<td>10.60</td>
<td>5,830.00</td>
</tr>
<tr>
<td><strong>ASPEN SPECIES</strong></td>
<td>PULPWOOD</td>
<td>45.00</td>
<td>Cd</td>
<td>18.50</td>
<td>832.50</td>
<td>18.50</td>
<td>832.50</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULPWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>7.00</td>
<td>210.00</td>
<td>7.00</td>
<td>210.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>12.00</td>
<td>Cd</td>
<td>12.00</td>
<td>144.00</td>
<td>12.00</td>
<td>144.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 7,016.50**

**ADVANCE PAYMENT = $ 1,052.48**

**BID TOTAL = $ 7,016.50**

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

| ANY LISTED SPECIES | BIOMASS | 360.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 50%; Trembling Aspen 50%.

Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 45%; Pulpwood 55%.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

From Kelliher go 9 miles north on Hwy 72 to CR-23. Go west 5.5 miles to Bushyline Rd. Go south 1/2 mile to sale.

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Michael R. Bates

(Appraisal ID 14904-0; Cutting Block ID 17363-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

X016742  COUNTY: BELTRAMI  AREA: BEMIDJI AREA  ACRES: 44.0

Permit Number: X016742
Permit Expiration Date: 05/31/2022

Original Sale Date: 06/13/2019 (Sale #4, tract X18)
OTC Purchase End Date: 06/13/2020

NESE,SESE,SESW,SWSE of Section 1; NENE,NWNE,SENE of Section 12 - Township 156, Range 31W.
SESE of Section 12; NENE of Section 13 - Township 156, Range 31W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>310.00</td>
<td>Cd</td>
<td>9.75</td>
<td>3,022.50</td>
<td>9.75</td>
<td>3,022.50</td>
<td></td>
</tr>
<tr>
<td>+ TAMARACK</td>
<td>PULPWOOD</td>
<td>70.00</td>
<td>Cd</td>
<td>3.90</td>
<td>273.00</td>
<td>3.90</td>
<td>273.00</td>
<td></td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>25.00</td>
<td>Cd</td>
<td>7.80</td>
<td>195.00</td>
<td>7.80</td>
<td>195.00</td>
<td></td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 3,490.50
ADVANCE PAYMENT = $ 523.58
BID TOTAL = $ 3,490.50

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

| ASPEN SPECIES | PULPWOOD | 50.00 | 12.90 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.

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

Sale Conditions:
- Access is across state land (Cutting Blocks 1 and 2).

Marketing Conditions:
From the intersection of Highway 72 and Main St. in Kelliher, drive north on Highway 72 for 31.2 miles to the road pull-off on the west side of the road. Pull-off is on the Beltrami county and Lake of the Woods county line. Sale is located approximately 76 miles from Bemidji, 106 miles from Grand Rapids, 90 miles from International Falls, 176 miles from Cloquet.

Cutting Block 2 is listed as optional as it is 2 miles away from the pull off, off of Highway 72. The only access is across the snowmobile trail for 50 cords of aspen.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Andrew R. Weston

(Appraisal ID 14304-0; Cutting Block ID 16680-0, 16682-0)
**X016785**  COUNTY: HUBBARD  AREA: BEMIDJI AREA  ACRES: 16.2

Permit Number: X016785  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 06/12/2019 (Sale #2, tract X8)  
OTC Purchase End Date: 06/12/2020  
NESE, SENE of Section 16 - Township 145, Range 35W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE SPRUCE</td>
<td>PULPWOOD</td>
<td>45.00</td>
<td>Cd</td>
<td>15.00</td>
<td>675.00</td>
<td>15.00</td>
<td>675.00</td>
</tr>
<tr>
<td>NORWAY PINE</td>
<td>PULPWOOD</td>
<td>8.00</td>
<td>Cd</td>
<td>10.00</td>
<td>80.00</td>
<td>10.00</td>
<td>80.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 755.00**  
**ADVANCE PAYMENT = $ 113.25**  
**BID TOTAL = $ 755.00**

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>33.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Season of Operations:**

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

**Sale Conditions:**

- Access is across state land.

**Marketing Conditions:**

Sale located 10 miles south of Solway.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Jeffrey L. Straub

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
X016798  COUNTY: BELTRAMI  AREA: BEMIDJI AREA  ACRES: 7.4

Permit Number: X016798  Original Sale Date: 06/12/2019 (Sale #2, tract X21)
Permit Expiration Date: 05/31/2023  OTC Purchase End Date: 06/12/2020

NESE of Section 20 - Township 148, Range 33W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>80.00</td>
<td>Cd</td>
<td>18.00</td>
<td>1,440.00</td>
<td>18.00</td>
<td>1,440.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>6.30</td>
<td>189.00</td>
<td>6.30</td>
<td>189.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>10.80</td>
<td>216.00</td>
<td>10.80</td>
<td>216.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>10.80</td>
<td>108.00</td>
<td>10.80</td>
<td>108.00</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 1,953.00
ADVANCE PAYMENT = $ 292.95
BID TOTAL = $ 1,953.00

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>78.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Season of Operations:
- Conduct harvest operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:
- Access is across private or county land.
- Permission to cross private or county land must be obtained by permittee.

Marketing Conditions:
Sale is located approx 1/2 mile west of Turtle Lake.
Due to the ash component, frozen conditions only.
Access through county may be compromised due to steep slope.
Need access to gravel pit to harvest wood through pvt or county.
Discounted price due to winter sale.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nick L. Severson

(Appraisal ID 14869-0; Cutting Block ID 17123-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

INTERMEDIATE AUCTION

X016800  COUNTY: BELTRAMI  AREA: BEMIDJI AREA  ACRES: 28.9

Permit Number: X016800  Original Sale Date: 06/12/2019 (Sale #2, tract X23)
Permit Expiration Date: 05/31/2023  OTC Purchase End Date: 06/12/2020

NESE of Section 7 - Township 152, Range 31W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>370.00</td>
<td>Cd</td>
<td>7.74</td>
<td>2,863.80</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>17.87</td>
<td>1,161.55</td>
</tr>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>55.00</td>
<td>Cd</td>
<td>6.93</td>
<td>381.15</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>10.80</td>
<td>108.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>7.00</td>
<td>Cd</td>
<td>10.80</td>
<td>75.60</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $4,590.10**
**ADVANCE PAYMENT = $688.52**
**BID TOTAL = $4,590.10**

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

- ANY LISTED SPECIES  BIOMASS  361.00 Tons  1.00  0.00

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Basswood Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

Season of Operations:
- Conduct harvest operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:
- Access is across State land.

Marketing Conditions:
Sale is located 2 miles NE of SAUM.
Frozen conditions due to Ash covertype and variable wet soils.
Sale located next to gravel road.
Discounted price due to winter sale.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nick L. Severson

(Appraisal ID 14870-0; Cutting Block ID 17132-0)
X016801  COUNTY: BELTRAMI  AREA: BEMIDJI AREA  ACRES: 56.7

Permit Number: X016801  Permit Expiration Date: 05/31/2023  
Original Sale Date: 06/12/2019 (Sale #2, tract X24)  OTC Purchase End Date: 06/12/2020

NESW,SESW of Section 5; NWNW of Section 8 - Township 152, Range 31W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>150.00</td>
<td>Cd</td>
<td>6.95</td>
<td>1,042.50</td>
<td>6.95</td>
<td>1,042.50</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>100.00</td>
<td>Cd</td>
<td>16.75</td>
<td>1,675.00</td>
<td>16.75</td>
<td>1,675.00</td>
</tr>
<tr>
<td>+ NORTHERN</td>
<td>PULP &amp; BOLTS</td>
<td>30.00</td>
<td>Cd</td>
<td>14.15</td>
<td>424.50</td>
<td>14.15</td>
<td>424.50</td>
</tr>
<tr>
<td>HARDWOODS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>25.00</td>
<td>Cd</td>
<td>12.25</td>
<td>306.25</td>
<td>12.25</td>
<td>306.25</td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>10.20</td>
<td>153.00</td>
<td>10.20</td>
<td>153.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 3,601.25
ADVANCE PAYMENT = $ 540.19
BID TOTAL = $ 3,601.25

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

| ANY LISTED SPECIES | BIOMASS | 206.00 Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 10%; Trembling Aspen 90%.
Northern Hardwoods Pulp & Bolts includes: Basswood 10%; Bur Oak 60%; Sugar Maple 30%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.
Northern Hardwoods Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
Paper Birch Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

Season of Operations:
- Conduct operations on frozen soil conditions only, except with written permission from State.

Sale Conditions:
- Access is across state and private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
Strips can be marked out by MNDNR forester at the correct spacing as a guide for permittee.

This sale is listed with a permit deadline of 5/31/2023 (four seasons) instead of the normal 5/31/2022 (three seasons) sale term. This is due to the presence of muck on site, as well as history of logging resulting in swamping of lowland Ash stand in 1988. See Sale #Y-3747.

Haul Distance to Nearest Mills
- PotlatchDeltic: 59 miles
- Blandin Paper: 88 miles
- Erickson Timber Products: 54 miles
- Verso Duluth: 166 miles
- PCA International Falls: 89 miles
- Blackduck Saw Mill: 23 miles
- Tenstrike: 31 miles
- Norboard: 55 miles

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Ethan Erdmann

(Appraisal ID 14730-0, Cutting Block ID 17210-0)
INTERMEDIATE AUCTION

X016802  COUNTY: KOOCHICHING  AREA: BEMIDJI AREA  ACRES: 14.4

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>105.00</td>
<td>Cd</td>
<td>10.20</td>
<td>1,071.00</td>
<td>10.20</td>
<td>1,071.00</td>
</tr>
<tr>
<td>NORWAY PINE</td>
<td>PULP &amp; BOLTS</td>
<td>100.00</td>
<td>Cd</td>
<td>20.65</td>
<td>2,065.00</td>
<td>20.65</td>
<td>2,065.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>33.00</td>
<td>Cd</td>
<td>7.30</td>
<td>240.90</td>
<td>7.30</td>
<td>240.90</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>25.00</td>
<td>Cd</td>
<td>17.15</td>
<td>428.75</td>
<td>17.15</td>
<td>428.75</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>10.20</td>
<td>204.00</td>
<td>10.20</td>
<td>204.00</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>15.75</td>
<td>157.50</td>
<td>15.75</td>
<td>157.50</td>
</tr>
</tbody>
</table>

**APPRaised TOTAL = $ 4,167.15**

**ADVANCE PAYMENT = $ 625.07**

**BID TOTAL = $ 4,167.15**

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

| ANY LISTED SPECIES | BIOMASS | 166.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 50%; Trembling Aspen 50%.

Mixed Product Description:
As Ash Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Black Spruce Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Norway Pine Pulp & Bolts includes: Bolts 55%; Pulpwood 45%.

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 state land (Cutting Block 1).

Marketing Conditions:
Sale is located off the West Gemmell Ridge Road on the Lost River Snowmobile Trail. Cutting block 1 is on the north side of the snowmobile trail approximately 200 yards from where the road ends. Cutting block 2 is approximately 3 miles west continuing on the snowmobile trail from block 1.

Certification Note:
The timber on this tract is from SFI certified land; it is not FSC certified.

Appraiser:
Morgan Lea Michels

(Appraisal ID 14913-0; Cutting Block ID 17346-0, 17343-0)

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
X016803  COUNTY: BELTRAMI  AREA: BEMIDJI AREA  ACRES: 78.9

Permit Number: X016803  Permit Expiration Date: 05/31/2022  Original Sale Date: 06/12/2019 (Sale #2, tract X26)  OTC Purchase End Date: 06/12/2020

NESE,NESW,NWSE,SESE,SWSE of Section 14 - Township 153, Range 31W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED PRICE</th>
<th>$ VALUE</th>
<th>BID PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>300.00</td>
<td>Cd</td>
<td>8.88</td>
<td>2,664.00</td>
<td>8.88</td>
<td>2,664.00</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>75.00</td>
<td>Cd</td>
<td>17.45</td>
<td>1,308.75</td>
<td>17.45</td>
<td>1,308.75</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 3,972.75  ADVance PAYment = $ 595.91  Bid TOTAL = $ 3,972.75

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

- ANY LISTED SPECIES  BIOMASS  208.00 Tons  1.00  0.00

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 20%; Trembling Aspen 80%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 35%; Pulpwood 65%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Haul Distance to Nearest Mills (Reference)
- Potlatch Deltic-Bemidji: 64 miles
- Norbord MN-Solway: 61 miles
- Blandin Paper-Grand Rapids: 93 miles
- Erickson Timber Products-Baudette: 49 miles
- PCA-International Falls: 118 miles
- Northwoods Lumber Co-Blackduck: 38 miles
- Land O Lakes Wood Preserving C0-Tenstrike: 46 miles
- Norbord Barwick (Ontario): 83 miles
- Manitou Forest Products (Ontario): 84 miles

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Ethan Erdmann

(Appraisal ID 14731-0; Cutting Block ID 17219-0)

(SPECIES KEY: * BID SPECIES,  * SOLD ON APPRAISED VOLUME)
X016804  COUNTY: BELTRAMI  AREA: BEMIDJI AREA  ACRES: 64.9

Permit Number: X016804
Permit Expiration Date: 05/31/2023

Original Sale Date: 06/12/2019 (Sale #2, tract X27)
OTC Purchase End Date: 06/12/2020

NENW,NWNW of Section 36 - Township 155, Range 33W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>900.00</td>
<td>Cd</td>
<td>1.95</td>
<td>1,755.00</td>
<td>1.95</td>
<td>1,755.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>25.00</td>
<td>Cd</td>
<td>12.00</td>
<td>300.00</td>
<td>12.00</td>
<td>300.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $2,055.00
ADVANCE PAYMENT = $308.25
BID TOTAL = $2,055.00

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

ANY LISTED SPECIES  BIOMASS  265.00  Tons  1.00  0.00

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale is located 1/2 mile west and 1 mile north on the Fourtown Grygla Snowmobile Trail off the end of the Blanchard Forest Road. Sale boundary borders snowmobile trail on west side.

Tamarack is 90% salvage

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Morgan Lea Michels

(Appraisal ID 14453-0; Cutting Block ID 16855-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

X016343  COUNTY: BELTRAMI  AREA: WARROAD AREA  ACRES: 29.1

Permit Number: X016343
Permit Expiration Date: 05/31/2021

Original Sale Date: 12/11/2018 (Sale #2, tract X1)
OTC Purchase End Date: 12/11/2019

SENW, SWNE of Section 21; NESE, SWSE of Section 8 - Township 155, Range 37W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>470.00</td>
<td>Cd</td>
<td>18.00</td>
<td>8,460.00</td>
<td>18.00</td>
<td>8,460.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>7.50</td>
<td>225.00</td>
<td>7.50</td>
<td>225.00</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 8,685.00
ADVANCE PAYMENT = $ 1,302.75
BID TOTAL = $ 8,685.00

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

ANY LISTED SPECIES  BIOMASS
235.00  Tons  1.00  0.00

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 7%; Trembling Aspen 93%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve.

Sale Conditions:
- Access is across state or private land.
- Permission to cross private land must be obtained by permittee.
- An onsite meeting with the state must occur prior to sale operations.

Marketing Conditions:
Sale is located in Saw-whet WMA.
3 miles of secondary roads and 73 miles of primary road to Solway.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Michael Nooker
(Appraisal ID 13641-0; Cutting Block ID 15975-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

X016346 COUNTY: BELTRAMI AREA: WARROAD AREA ACRES: 7.5

Permit Number: X016346
Permit Expiration Date: 05/31/2021
Original Sale Date: 12/11/2018 (Sale #2, tract X4)
OTC Purchase End Date: 12/11/2019

SESW,SWSE,SWSW of Section 16 - Township 156, Range 36W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORWAY PINE</td>
<td>PULP &amp; BOLTS</td>
<td>100.00</td>
<td>Cd</td>
<td>29.50</td>
<td>2,950.00</td>
<td>29.50</td>
<td>2,950.00</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 2,950.00
ADVANCE PAYMENT = $ 442.50
BID TOTAL = $ 2,950.00

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

ANY LISTED SPECIES       BIOMASS
40.00 Tons  1.00  0.00

Mixed Product Description:
Norway Pine Pulp & Bolts includes: Bolts 75%; Pulpwood 25%.

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 land.

Marketing Conditions:
This is a second Norway pine thinning.
Sale is located 5 miles northeast of Fourtown.
5 miles secondary road, 74 miles primary road to Bemidji.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Michael Nooker

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
INTERMEDIATE AUCTION

UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

X016347 COUNTY: BELTRAMI AREA: WARROAD AREA ACRES: 25.6

Permit Number: X016347 Permit Expiration Date: 05/31/2021
Original Sale Date: 12/11/2018 (Sale #2, tract X5) OTC Purchase End Date: 12/11/2019

NESE,NESW,NWSE,SESE,SESW,SWSE of Section 19 - Township 157, Range 36W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>FUELWOOD</td>
<td>390.00</td>
<td>Cd</td>
<td>2.50</td>
<td>975.00</td>
<td>2.50</td>
<td>975.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 975.00
ADVANCE PAYMENT = $ 146.25
BID TOTAL = $ 975.00

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

- ANY LISTED SPECIES - BIOMASS 85.00 Tons 1.00 0.00

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Tamarack salvage sale. Approximately 95% dead, missing fine limbs and some missing tops as of February 2018. Expect breakage when felling.

Sale will require ditch crossing from Dicks Parkway.
1 mile of trail construction/clearing, 25 miles secondary, 12 miles primary roads to Warroad.
1 mile of trail construction/clearing, 8 miles secondary, 14 miles primary to Grygla.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Joseph Richard Kuhlmann
(Appraisal ID 13902-0; Cutting Block ID 16281-0)

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
Intermediate Auction

X016348 COUNTY: BELTRAMI AREA: WARROAD AREA ACRES: 36.0

Permit Number: X016348 Permit Expiration Date: 05/31/2021

Original Sale Date: 12/11/2018 (Sale #2, tract X6) OTC Purchase End Date: 12/11/2019

NWSW of Section 36; GL01,GL02,NESE of Section 35 - Township 157, Range 38W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>WOODSRUN CORDWOOD</td>
<td>590.00</td>
<td>Cd</td>
<td>16.80</td>
<td>9,912.00</td>
<td>16.80</td>
<td>9,912.00</td>
</tr>
</tbody>
</table>

APPRaised Total = $9,912.00
Advance Payment = $1,486.80
BID Total = $9,912.00

Mixed Species Description:
Aspen Species Woodsrun Cordwood includes: Balm of Gilead 10%; Trembling Aspen 90%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve.

Sale Conditions:
- Access is across state land.
- Notice to begin harvest must be given at least five working days prior to the date they will commence operations due to recreation trail. An onsite visit must occur prior to sale operations.

Marketing Conditions:
Sale is located 9.5 miles NW of Fourtown, along the Moose River Impoundment.
12 miles secondary road and 72 miles primary road to Bemidji.
Aspen averages 10-12 inches DBH, 5 sticks.
Best access across state land requires a ditch crossing.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Rebecca Ann Rickaby

(Appraisal ID 8848-0; Cutting Block ID 11109-0)
X016350  COUNTY: BELTRAMI   AREA: WARROAD AREA  ACRES: 30.0

Permit Number: X016350  Permit Expiration Date: 05/31/2021
Original Sale Date: 12/11/2018 (Sale #2, tract X8)  OTC Purchase End Date: 12/11/2019

NESW, NWSE, SENW, SWNE of Section 17 - Township 158, Range 36W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>FUELWOOD</td>
<td>270.00</td>
<td>Cd</td>
<td>2.50</td>
<td>675.00</td>
<td>2.50</td>
<td>675.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $675.00  **ADVANCE PAYMENT =** $101.25  **BID TOTAL =** $675.00

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
Tamarack salvage sale. Approximately 95% of tamarack is dead. Most trees are missing fine limbs, and some are missing tops. Expect breakage when felling.
30 miles secondary/83 miles primary to International Falls.
17 miles secondary/71 miles to Solway.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Todd Andrew Lewis

(Appraisal ID 13710-0; Cutting Block ID 16036-0)
X016359  COUNTY: ROSEAU  AREA: WARROAD AREA  ACRES: 7.0

Permit Number: X016359
Permit Expiration Date: 05/31/2021
GL03 of Section 6 - Township 160, Range 37W.

Original Sale Date: 12/11/2018 (Sale #2, tract X17)
OTC Purchase End Date: 12/11/2019

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
<td>110.00</td>
<td>Cd</td>
<td>15.04</td>
<td>1,654.40</td>
<td>15.04</td>
<td>1,654.40</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>80.00</td>
<td>Cd</td>
<td>19.04</td>
<td>1,523.20</td>
<td>19.04</td>
<td>1,523.20</td>
</tr>
<tr>
<td>JACK PINE</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>8.80</td>
<td>44.00</td>
<td>8.80</td>
<td>44.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>9.60</td>
<td>48.00</td>
<td>9.60</td>
<td>48.00</td>
</tr>
</tbody>
</table>

**Appraiser:**
Shane D. Delaney
(Appraisal ID 14184-0; Cutting Block ID 16563-0)

### Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.

### Mixed Product Description:
Balsam Fir Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.

### Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Due to state special concern and threatened species, dry ground access will not be allowed. Sale operations can not begin until after the opening weekend of the rifle deer season.

### Sale Conditions:
- Access is across state land.

### Marketing Conditions:
7 miles secondary, 113 miles primary road to Bemidji
8 miles secondary, 107 miles primary road to International Falls
Overmature wood- Expect rot.

### Certification Note:
The timber on this tract is SFI and FSC certified.

### Appraiser:
Shane D. Delaney
(Appraisal ID 14184-0; Cutting Block ID 16563-0)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016362**  COUNTY: KITTSON  AREA: WARROAD AREA  ACRES: 172.0

- Permit Number: X016362
- Permit Expiration Date: 05/31/2021
- Original Sale Date: 12/11/2018 (Sale #2, tract X20)
- OTC Purchase End Date: 12/11/2019

NESW,NWSW,SESW,SWSE,SWSW of Section 17; NWSW,SWSW of Section 16;
NESE,NESW,NWSE,NWSE,SESE,SESW,SWSE,SWSW of Section 21 - Township 160, Range 45W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>WOODSRUN CORDWOOD</td>
<td>1,165.00</td>
<td>Cd</td>
<td>2.10</td>
<td>2,446.50</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $ 2,446.50

**ADVANCE PAYMENT =** $ 366.98

**BID TOTAL =** $ 2,446.50

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

| ANY LISTED SPECIES | BIOMASS | 690.00 | Tons | 1.00 | 0.00 |

**Mixed Species Description:**

Aspen Species Woodsrun Cordwood includes: Balm of Gilead 1%; Trembling Aspen 99%.

**Season of Operations:**

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

**Sale Conditions:**

- Access is across state land, best access is across private land.
- Permission to cross private land must be obtained by permittee.

**Marketing Conditions:**

Avg DBH: 5-9 Avg Sticks: 2-3

Poor quality wood due to fire damage. Merchantable pockets of wood are scattered and sporadic through out the sale area amongst non-merchantable aspen.

There is an abundance of 2 stick aspen, 2 stick wood is expected to be utilized.

8 miles secondary/169 miles primary road to International Falls
8 miles secondary/135 miles primary road to Bemidji

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Mary R. Kordiak

(Appraisal ID 10809-0; Cutting Block ID 15942-0)

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
### Unsold Timber Sales - Data as of 07/25/2019

#### Intermediate Auction

**Permit Number:** X016372

**County:** Kittson, Roseau

**Area:** Warroad Area

**Acres:** 91.4

**Permit Expiration Date:** 05/31/2021

**Original Sale Date:** 12/11/2018 (Sale #2, tract X30)

**OTC Purchase End Date:** 12/11/2019

**Permit Number:** X016372

**Permit Expiration Date:** 05/31/2021

**Original Sale Date:** 12/11/2018 (Sale #2, tract X30)

**OTC Purchase End Date:** 12/11/2019

**GL01, NESW, SENW, SWNE of Section 7; NESE of Section 6; SWSW of Section 5; SWSW of Section 8 - Township 163, Range 44W.**

**NENW, NESW, NWNE, NWSW of Section 36 - Township 164, Range 45W.**

### Appraised vs. Bid

<table>
<thead>
<tr>
<th>Species</th>
<th>Product</th>
<th>Volume</th>
<th>Unit</th>
<th>Price</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>1,275.0</td>
<td>Cm</td>
<td>2.40</td>
<td>3,060.0</td>
</tr>
</tbody>
</table>

**Appraised Total:** $3,060.00

**Advance Payment:** $459.00

**Bid Total:** $3,060.00

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

<table>
<thead>
<tr>
<th>Species</th>
<th>Product</th>
<th>Volume</th>
<th>Unit</th>
<th>Price</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>566.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

### Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 6%; Trembling Aspen 94%.

### Season of Operations:

- No sale operations allowed during firearms / muzzleloader deer seasons (Cutting Blocks 1 and 2).
- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Blocks 1 and 2).

### Sale Conditions:

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

### Marketing Conditions:

.5 miles trail to construct, 2.5 miles existing trail, 25 miles secondary road 134 miles primary to Norbord, Solway.

.5 miles trail to construct, 2.5 miles existing trail, 25 miles secondary road 151 miles primary to Boise, International Falls

### Certification Note:

The timber on this tract is SFI and FSC certified.

### Appraiser:

Shawn J. Olsen

(Appraisal ID 14106-0; Cutting Block ID 16466-0, 16467-0)
**X016373**  
**COUNTY: KITTSON**  
**AREA: WARROAD AREA**  
**ACRES: 156.5**

<table>
<thead>
<tr>
<th>Permit Number: X016373</th>
<th>Permit Expiration Date: 05/31/2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Sale Date: 12/11/2018 (Sale #2, tract X31)</td>
<td>OTC Purchase End Date: 12/11/2019</td>
</tr>
</tbody>
</table>

NENE,NESE,NESW,NWNE,NWSE,NWSW,SENE,SESE,SESW,SWNE,SWNW,SWSE,SWSW of Section 12 - Township 163, Range 47W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>ASPEN SPECIES</td>
<td>1,890.00</td>
<td>Cd</td>
<td>2.40</td>
<td>4,536.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $4,536.00

**ADVANCE PAYMENT =** $680.40

**BID TOTAL =** $4,536.00

---

**Mixed Species Description:**
Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
- 3.5 miles secondary, 141 miles primary to Solway, MN.
- 3.5 miles secondary, 174 miles primary to International Falls, MN.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Joseph Richard Kuhlmann

---

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016374**  
COUNTY: ROSEAU  
AREA: WARROAD AREA  
ACRES: 34.0

Permit Number: X016374  
Permit Expiration Date: 05/31/2021

GL07,GL08,SWSW of Section 27 - Township 164, Range 39W.

---

### APPRAISED

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>FUELWOOD</td>
<td>405.00</td>
<td>Cd</td>
<td>2.00</td>
<td>810.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>10.20</td>
<td>204.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $1,014.00

**ADVANCE PAYMENT =** $152.10

**BID TOTAL =** $1,014.00

---

**Season of Operations:**

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

**Sale Conditions:**

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

**Marketing Conditions:**

Sale is located NE of Roseau 11 miles along the international border.

Tamarack is 80% dead. Beetle kill has been in stand for a few years already. Access is best across private land. Private land has a bridge crossing that may be difficult for logging truck to utilize. Permission to cross private land must be obtained.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Adam J. Fisher  
(Appraisal ID 14195-0; Cutting Block ID 16578-0)
### Unsold Timber Sales - Data as of 07/25/2019

**Intermediate Auction**

**IN**

**AD**

**AC**

**EN**

**DE**

**ACRES: 84.2**

**COUNTY: BELTRAMI**

**AREA: WARROAD AREA**

**Permit Number: X016437**

**Permit Expiration Date: 05/31/2022**

**Original Sale Date: 01/10/2019 (Sale #4, tract X7)**

**OTC Purchase End Date: 01/10/2020**

**NESE, SENE of Section 4; NESE, NESW, NWSE, SENW, SESE, SESW, SWNW, SWSE of Section 3 - Township 155, Range 36W.**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>865.00</td>
<td>Cd</td>
<td>18.80</td>
<td>16,262.00</td>
<td>18.80</td>
<td>16,262.00</td>
</tr>
</tbody>
</table>

**APPRaised TOTAL = $ 16,262.00**

**ADVANCE PAYMENT = $ 2,439.30**

**BID TOTAL = $ 16,262.00**

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>520.00 Tons</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**

Aspen Species Pulpwood includes: Balm of Gilead 13%; Trembling Aspen 87%.

**Season of Operations:**

- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve.

**Sale Conditions:**

- Access is across state land.
- Notice to begin harvest must be given at least five working days prior to the date they will commence operations due to recreation trail. An onsite meeting must occur prior to sale operations.

**Marketing Conditions:**

Secondary miles = 3 / primary miles = 68 to Bemidji
Secondary miles = 48 / primary miles = 83 to International Falls

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Rebecca Ann Rickaby

(Appraisal ID 13766-0; Cutting Block ID 16065-0)
**X016440**  
**COUNTY:** MARSHALL  
**AREA:** WARROAD AREA  
**ACRES:** 109.4

Permit Number: X016440  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 01/10/2019 (Sale #4, tract X10)  
OTC Purchase End Date: 01/10/2020

NWNW, SWNW of Section 24; NENW, NWNW, SENE, SWNW, SSWW of Section 14; NENE, NESE, SENE, SESE of Section 22; NWSE of Section 10 - Township 157, Range 44W.

### APPRAISED vs BID

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>1,235.0 Cd</td>
<td>2.40</td>
<td>2,964.00</td>
<td>2.40</td>
<td>2,964.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASH</td>
<td>FUELWOOD</td>
<td>150.00 Cd</td>
<td>1.00</td>
<td>150.00</td>
<td>1.00</td>
<td>150.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUR OAK</td>
<td>FUELWOOD</td>
<td>1.00 Cd</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $3,115.00**  
**ADVANCE PAYMENT = $467.25**  
**BID TOTAL = $3,115.00**

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

| ANY LISTED SPECIES | BIOMASS | 845.00 Tons | 1.00 | 0.00 |

**Mixed Species Description:**

Aspen Species Pulpwood includes: Balm of Gilead 8%; Trembling Aspen 92%.

**Season of Operations:**

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

**Sale Conditions:**

- Access is across state and private land.
- Permission to cross private land must be obtained by permittee.
- Notice to begin must be given at least 5 working days prior to the date they will commence operations due to recreational trail.

**Marketing Conditions:**

108 Miles to Norbord (104 primary, 4 secondary)

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

James Taylor MacDonald

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
### X016744
**COUNTY:** BELTRAMI  
**AREA:** WARROAD AREA  
**ACRES:** 19.2

- **Permit Number:** X016744  
- **Permit Expiration Date:** 05/31/2022  
- **Original Sale Date:** 06/13/2019 (Sale #4, tract X20)  
- **OTC Purchase End Date:** 06/13/2020

NESW,NWSE,SWNE of Section 25 - Township 157, Range 38W.

### Appraised Values

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>285.00</td>
<td>Cd</td>
<td>13.75</td>
<td>3,918.75</td>
<td>13.75</td>
<td>3,918.75</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 3,918.75**  
**ADVANCE PAYMENT = $ 587.81**  
**BID TOTAL = $ 3,918.75**

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>197.00 Tons</td>
<td>1.00</td>
</tr>
</tbody>
</table>

### Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 71%; Trembling Aspen 29%.

### Season of Operations:

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

### Sale Conditions:

- Access is across state land.
- An on site meeting with the state must occur prior to sale operations. Due to access route on a snowmobile trail. Contact the Area Forestry Office or timber sale administrator at least five days before operations commence.

### Marketing Conditions:

Sale is located off the Moose River Dike northeast of Grygla.

- 0.5 mile of trail to build, 7 miles of secondary road and 85 miles primary road to Norbord, Solway.
- 0.5 mile of trail to build, 7 miles of secondary road and 150 miles primary road to PAC, I Falls.

Aspen species averages, 6-8" DBH, 3-5 sticks.

### Certification Note:

The timber on this tract is SFI and FSC certified.

### Appraiser:

Shawn J. Olsen

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
X016745  COUNTY: MARSHALL  AREA: WARROAD AREA  ACRES: 189.0

Permit Number: X016745  Permit Expiration Date: 05/31/2022
Original Sale Date: 06/13/2019 (Sale #4, tract X21)  OTC Purchase End Date: 06/13/2020

NENE, SENE of Section 10; NENE, NENW, SENE, SENW, SWNE, SWSW of Section 11; NESE, NESW, NWSE, NWSW, SESW, SWSW of Section 2 - Township 157, Range 39W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>WOODSRUN CORDWOOD</td>
<td>1,230.00</td>
<td>Cd</td>
<td>1.90</td>
<td>2,337.00</td>
<td>1.90</td>
<td>2,337.00</td>
<td></td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 2,337.00
ADVANCE PAYMENT = $ 350.55
BID TOTAL = $ 2,337.00

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

| ANY LISTED SPECIES | BIOMASS | 840.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Woodsrun Cordwood includes: Balm of Gilead 30%; Trembling Aspen 70%.

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

Sale Conditions:
- Access is across state land best access across private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
1 mile secondary/97 miles primary road to Bemidji.
Avg Dbh:6-8  Avg Sticks:2-4
Expect unusable in blowdown sale. Sale was originally offered June 2015

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Joseph Richard Kuhlmann

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
X016749  COUNTY: MARSHALL  AREA: WARROAD AREA  ACRES: 120.0

Permit Number: X016749  Permit Expiration Date: 05/31/2022

Original Sale Date: 06/13/2019 (Sale #4, tract X25)  OTC Purchase End Date: 06/13/2020

NENE, SENE, SWNE of Section 16; NWNW of Section 17; NWNW of Section 15;
GL02, GL03, GL04, NENW, NESW, NWNE, SENW of Section 19 - Township 158, Range 42W.
NWSE, SWNE of Section 25; NESE, SESE of Section 24 - Township 158, Range 43W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>1,485.00</td>
<td>Cd</td>
<td>2.25</td>
<td>3,341.25</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 3,341.25
ADVANCE PAYMENT = $ 501.19
BID TOTAL = $ 3,341.25

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

| ANY LISTED SPECIES | BIOMASS | 1,340.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 40%; Trembling Aspen 60%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale is located west of Thief Lake and northeast of Middle River north of Marshall County Road 48.
3 miles of trail to build or improve, 3 miles secondary road and 105 miles primary road to Norbord.
3 miles of trail to build or improve, 3 miles secondary road and 169 miles to PCA,

Aspen species averages 5-8" DBH, 2-5 sticks

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Shawn J. Olsen

(Appraisal ID 14188-0; Cutting Block ID 16479-0)
X016760  
COUNTY: ROSEAU  
AREA: WARROAD AREA  
ACRES: 39.0

Permit Number: X016760  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 06/13/2019 (Sale #4, tract X36)  
OTC Purchase End Date: 06/13/2020

NENE,NWNE,SENE,SWNW of Section 26; NENW,NWNE,NWNW,SWNW of Section 25 - Township 161, Range 36W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>250.00</td>
<td>Cd</td>
<td>9.75</td>
<td>2,437.50</td>
<td>9.75</td>
<td>2,437.50</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>FUELWOOD</td>
<td>125.00</td>
<td>Cd</td>
<td>2.50</td>
<td>312.50</td>
<td>2.50</td>
<td>312.50</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>85.00</td>
<td>Cd</td>
<td>7.80</td>
<td>663.00</td>
<td>7.80</td>
<td>663.00</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>12.20</td>
<td>122.00</td>
<td>12.20</td>
<td>122.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>4.55</td>
<td>22.75</td>
<td>4.55</td>
<td>22.75</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 3,557.75
ADVANCE PAYMENT = $ 533.66
BID TOTAL = $ 3,557.75

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

ANY LISTED SPECIES  BIOMASS  235.00  Tons  1.00  0.00

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 40%; Trembling Aspen 60%.

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:
10 Miles of secondary roads and 103 miles of primary roads to Boise, International Falls, MN.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Sarah Elizabeth Brown

(SPECIES KEY:  + BID SPECIES,  * SOLD ON APPRAISED VOLUME)

(Appraisal ID 14196-0; Cutting Block ID 16577-0)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016762**

**COUNTY: ROSEAU**

**AREA: WARROAD AREA**

**ACRES: 10.2**

Permit Number: X016762  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 06/13/2019 (Sale #4, tract X38)  
OTC Purchase End Date: 06/13/2020  

SESW,SWSE of Section 30 - Township 164, Range 40W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
<td>125.00</td>
<td>Cd</td>
<td>9.25</td>
<td>1,156.25</td>
<td>9.25</td>
<td>1,156.25</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>13.90</td>
<td>903.50</td>
<td>13.90</td>
<td>903.50</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>4.90</td>
<td>73.50</td>
<td>4.90</td>
<td>73.50</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>8.40</td>
<td>126.00</td>
<td>8.40</td>
<td>126.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 2,259.25**  
**ADVANCE PAYMENT = $ 338.89**

**BID**

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

| ANY LISTED SPECIES | BIOMASS | 29.25 | Tons | 1.00 | 0.00 |

**Mixed Species Description:**
Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.

**Mixed Product Description:**
Balsam Fir Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
5 miles secondary/ 146 miles primary road to Solway.  
5 miles secondary/ 137 miles primary road to International Falls.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Mary R. Kordiak

(Appraisal ID 14139-0; Cutting Block ID 16504-0)
X016807  COUNTY: BELTRAMI  AREA: WARROAD AREA  ACRES: 38.0

Permit Number: X016807  Permit Expiration Date: 05/31/2022  
Original Sale Date: 07/23/2019 (Sale #2, tract X3)  OTC Purchase End Date: 07/23/2020

NESE,NWSW,SENE of Section 29; NWSW of Section 27; NESW,SENW,SWNW of Section 33; NENE,NWNE,SENE,SWNE of Section 28 - Township 156, Range 36W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>390.00</td>
<td>Cd</td>
<td>12.60Cd</td>
<td>4,914.00</td>
<td>12.60</td>
<td>4,914.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $4,914.00  
**ADVANCE PAYMENT =** $737.10  
**BID TOTAL =** $4,914.00

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
<th>180.00</th>
<th>Tons</th>
<th>1.00</th>
<th>0.00</th>
</tr>
</thead>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 20%; Trembling Aspen 80%.

Season of Operations:
- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.
- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve.

Sale Conditions:
- Access is across state land. Best access is across private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
Primary miles 71, secondary miles 4, and trails 1 mile to Norbord in Solway.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Rebecca Ann Rickaby

(Appraisal ID 14823-0; Cutting Block ID 16966-0)
Permit Number: X016809
Permit Expiration Date: 05/31/2022

Original Sale Date: 07/23/2019 (Sale #2, tract X5)
OTC Purchase End Date: 07/23/2020

NWNW, SWNW of Section 21; NENE, SENE, SWNE of Section 20 - Township 157, Range 36W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>FUELWOOD</td>
<td>650.00</td>
<td>Cd</td>
<td>2.50</td>
<td>1,625.00</td>
<td>2.50</td>
<td>1,625.00</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 1,625.00
ADVANCE PAYMENT = $ 243.75
BID TOTAL = $ 1,625.00

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

| ANY LISTED SPECIES | BIOMASS | 180.00 | Tons | 1.00 | 0.00 |

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Shallow ditch crossing off of Dick's Parkway.
2 miles winter road to freeze.
7 miles secondary/ 148 miles primary to International Falls.
7 miles secondary/ 71 miles primary to Solway.

Approximately 30% of the Tamarack was dead in 2008.
Approximately 95% of the Tamarack is dead in 2019.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Todd Andrew Lewis

(Appraisal ID 14379-0; Cutting Block ID 16817-0)
**X016814  COUNTY: MARSHALL  AREA: WARROAD AREA  ACRES: 46.2**

Perm. Number: X016814  
Perm. Expiration Date: 05/31/2022  
Original Sale Date: 07/23/2019 (Sale #2, tract X10)  
OTC Purchase End Date: 07/23/2020  

GL02, GL03, NESW, NWSW, SENW of Section 2 - Township 158, Range 42W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>FUELWOOD</td>
<td>460.00</td>
<td>Cd</td>
<td>2.50</td>
<td>1,150.00</td>
<td></td>
<td>2.50</td>
<td>1,150.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>100.00</td>
<td>Cd</td>
<td>1.65</td>
<td>165.00</td>
<td></td>
<td>1.65</td>
<td>165.00</td>
</tr>
</tbody>
</table>

**APPRaised Total = $ 1,315.00**  
**ADVANCE PAYMENT = $ 197.25**  
**BID TOTAL = $ 1,315.00**

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

| ANY LISTED SPECIES | BIOMASS | 100.00 | Tons | 1.00 | 0.00 |

**Mixed Product Description:**

Black Spruce Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

**Season of Operations:**

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

**Sale Conditions:**

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

**Marketing Conditions:**

- 124 miles to Bemidji
- 158 miles to International Falls

Ditch crossing on state land.

Tamarack is mostly all dead with dead branches and broken tops.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Mary R. Kordiak

(Appraisal ID 14625-0; Cutting Block ID 17086-0)
PERMIT NUMBER: X016815  
PERMIT EXPIRATION DATE: 05/31/2022  

NENE, SESE of Section 19 - Township 158, Range 42W. 
NWNW, SESE, SWNW of Section 12; NENE of Section 13 - Township 158, Range 43W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>700.00</td>
<td>Cd</td>
<td>1.95</td>
<td>1,365.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $1,365.00  
**ADVANCE PAYMENT =** $204.75  
**BID TOTAL =** $1,160.25

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

| ANY LISTED SPECIES | BIOMASS | 300.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 10%; Trembling Aspen 90%.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

- 128 miles to Bemidji
- 162 miles to International falls
- 3/4 mile of road to freeze
- 1 ditch crossing

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Mary R. Kordiak
X016819 COUNTY: ROSEAUX AREA: WARROAD AREA ACRES: 9.3

Permit Number: X016819
Permit Expiration Date: 05/31/2022

Original Sale Date: 07/23/2019 (Sale #2, tract X15)
OTC Purchase End Date: 07/23/2020

NENW of Section 23 - Township 159, Range 37W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED</th>
<th>BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>95.00</td>
<td>Cd</td>
<td>11.90</td>
<td>$1,130.50</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $1,130.50
ADVANCE PAYMENT = $169.58
BID TOTAL = $1,130.50

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

- ANY LISTED SPECIES BIOMASS
- BID SPECIES
- VOLUME
- UNIT
- $ VALUE
- UNIT
- $ VALUE
- 45.00
- Tons
- 1.00
- 0.00

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
- 1/8 mile trail to create.
- 1/2 mile winter road to freeze.
- 2.5 miles of road to plow.
- 13 miles secondary/ 115 miles primary to International Falls.
- 15 miles secondary/ 104 miles primary to Solway.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Todd Andrew Lewis

(Appraisal ID 14540-0; Cutting Block ID 16984-0)
**X016821**
**COUNTY: ROSEAU**
**AREA: WARROAD AREA**
**ACRES: 42.5**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>130.00</td>
<td>Cd</td>
<td>11.95</td>
<td>1,553.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>125.00</td>
<td>Cd</td>
<td>3.60</td>
<td>450.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>75.00</td>
<td>Cd</td>
<td>10.95</td>
<td>821.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
<td>20.00</td>
<td>Cd</td>
<td>7.92</td>
<td>158.40</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 2,983.15**

**ADVANCE PAYMENT = $ 447.47**

**BID TOTAL = $ 2,983.15**

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

| ANY LISTED SPECIES | BIOMASS | 120.00 | Tons | 1.00 | 0.00 |

**Mixed Species Description:**
Aspen Species Pulpwood includes: Balm of Gilead 3%; Trembling Aspen 97%.

**Mixed Product Description:**
Balsam Fir Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Black Spruce Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
3 miles of road to plow.
14 miles secondary/ 112 miles primary to International Falls.
11 miles secondary/ 103 miles primary to Solway.

Tamarack is 5% dead as of March 2019.
Blowdown/ broken tops in larger spruce, with many pockets of spruce regeneration.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Todd Andrew Lewis

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
INTERMEDIATE AUCTION

UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

X016829 COUNTY: ROSEAU AREA: WARROAD AREA ACRES: 146.0

Permit Number: X016829
Permit Expiration Date: 05/31/2022
Original Sale Date: 07/23/2019 (Sale #2, tract X25)
OTC Purchase End Date: 07/23/2020

NENW,NWNW,NWSE,SENE,SESE,SWNE of Section 16; NENE,NWNE of Section 8; NENE of Section 7; GL01,SENE of Section 6 - Township 161, Range 44W.

APPRAISED BID

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>2,100.00</td>
<td>Cd</td>
<td>2.35</td>
<td>4,935.00</td>
<td>2.35</td>
<td>4,935.00</td>
<td></td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 4,935.00
ADVANCE PAYMENT = $ 740.25
BID TOTAL = $ 4,935.00

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

ANY LISTED SPECIES BIOMASS 1,260.00 Tons 1.00 0.00

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 10%; Trembling Aspen 90%.

Season of Operations:

- No sale operations allowed during firearms / muzzleloader deer seasons.
- Frozen ground access only.

Sale Conditions:

- Access is across state or private land.
- Permission to cross private land must be obtained by permittee.
- An on-site meeting with the State must occur prior to sale operations.

Marketing Conditions:

Site 90 A 54 may be accessed from the north through 1 mile of state land or from east through private if permission is gained by permit holder.

Site is located 13 miles NW of Green bush on 120th street.

1 mile secondary/162 miles primary to International Falls
1 mile secondary/142 miles primary to Solway.

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Matthew James Widen

(Apprasial ID 14463-0; Cutting Block ID 16913-0)

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
**X016831**  
**COUNTY: ROSEAU**  
**AREA: WARROAD AREA**  
**ACRES: 105.0**

Permit Number: X016831  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 07/23/2019 (Sale #2, tract X27)  
OTC Purchase End Date: 07/23/2020

GL01, GL02, NWNE, SWNE of Section 36; GL02, GL03 of Section 25 - Township 163, Range 43W.
NESE, NWSE of Section 6; GL03, GL04 of Section 2 - Township 162, Range 42W.
NESE, NESW, NWSE, SESE of Section 8 - Township 163, Range 42W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>1,275.00</td>
<td>Cd</td>
<td>2.35</td>
<td>2,996.25</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $2,996.25
ADVANCE PAYMENT = $449.44
BID TOTAL = $2,996.25

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>765.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 10%; Trembling Aspen 90%.

Season of Operations:
- No sale operations allowed during firearms / muzzleloader deer seasons.
- Frozen ground access across state land.

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Site is located 15 miles NW of Badger.
1 mile secondary/137 miles primary to Solway.
1 mile secondary/150 miles primary to International Falls.
Buckthorn located within most eastern sites (7A54, 12 BG 42)

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Matthew James Widen
X016833  COUNTY: ROSEAU  AREA: WARROAD AREA  ACRES: 27.5

Permit Number: X016833
Permit Expiration Date: 05/31/2022

Original Sale Date: 07/23/2019 (Sale #2, tract X29)
OTC Purchase End Date: 07/23/2020

NENW, NWNW, SWNW of Section 36 - Township 164, Range 39W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>FUELWOOD</td>
<td>345.00</td>
<td>Cd</td>
<td>2.50</td>
<td>862.50</td>
<td>2.50</td>
<td>862.50</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 862.50
ADVANCE PAYMENT = $ 129.38
BID TOTAL = $ 862.50

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.
- Frozen ground access across state and private land.

Sale Conditions:
- Access is across state and private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
Salvage standing Dead Tamarack. 100% standing Dead.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Mark Allen Mcdonald

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
Example of a timber sale data sheet:

**X016834**  
**COUNTY: ROSEAU**  
**AREA: WARROAD AREA**  
**ACRES: 21.5**  

Permit Number: X016834  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 07/23/2019 (Sale #2, tract X30)  
OTC Purchase End Date: 07/23/2020  

GL05, GL06, SESE, SWSE of Section 25 - Township 164, Range 40W.

### Appraised

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>11.30</td>
<td>734.50</td>
<td>11.30</td>
<td>734.50</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>7.80</td>
<td>507.00</td>
<td>7.80</td>
<td>507.00</td>
</tr>
</tbody>
</table>

**APPRaised TOTAL = $ 1,241.50**  
**ADVANCE PAYMENT = $186.23**  
**BID TOTAL = $1,241.50**

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

| ANY LISTED SPECIES | BIOMASS | 80.00 | Tons | 1.00 | 0.00 |

### Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 85%; Trembling Aspen 15%.

### Season of Operations:

- Conduct Sale Operations on Frozen soil conditions only, except with written permission from State.

### Sale Conditions:

- Access is across state land.

### Marketing Conditions:

Sale is located along the south edge of the rifle range 10 miles straight north of Roseau  
142 miles to Bemidji/ 137 miles to International Falls

### Certification Note:

The timber on this tract is SFI and FSC certified.

### Appraiser:

Nic John Arends  
(Appraisal ID 14507-0; Cutting Block ID 16940-0)

(SPECIES KEY: + BID SPECIES,  
* SOLD ON APPRAISED VOLUME)
Mixed Product Description:
Black Spruce Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.

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

Sale Conditions:
- Access is across state and private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
Distance to nearest mill
47.2 miles from sale site off of Fiero forest road, going west on Hwy 101 then Hwy 11 to PCA in International Falls.
126 miles to Blandin using Fiero/Tomey forest roads to Hwy 73 through Northhome and Hwy 46 into Deer River
111 miles to Blandin using Feiro/Tomey forest roads to big Falls and through Bowstring
136 miles to Blandin using Indian Pines onto Hwyy 72 and Hwy 46 to Deer River
117 miles to Potlatch Deltic in Bemidji using Indian Pines and Hwy 72 down to Bemidji

Mistletoe present in black spruce of stand
30% dead tamarack at time of cruise from larch beetle

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Ethan Erdmann

(Appraisal ID 13926-0, Cutting Block ID 16192-0)
## Unsold Timber Sales - Data As of 07/25/2019

### Intermediate Auction

**Permit Number:** X016670  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 06/11/2019 (Sale #5, tract X1)  
**OTC Purchase End Date:** 06/11/2020

#### Permit Details

| SESE of Section 14; NENW, NWNW of Section 24; NWSW, SSW of Section 13; NESW, NWSE, SENW, SESW, SWNE, SWSE of Section 23 - Township 157, Range 29W. |

---

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixed Spruce Pulp &amp; Bolts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Balsam Fir Pulpwood</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aspen Species Pulpwood</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tamarack Pulpwood</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper Birch Pulpwood</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ash Pulpwood</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Appraised Total = $16,156.26**

**Advance Payment = $2,423.44**

**Bid Total = $16,156.26**

---

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tamarack</td>
<td>Fuelwood</td>
<td>250.00</td>
<td>Cd</td>
<td>2.50</td>
</tr>
<tr>
<td>White Cedar</td>
<td>Pulpwood</td>
<td>50.00</td>
<td>Cd</td>
<td>4.80</td>
</tr>
</tbody>
</table>

**Certification Note:**

- The timber on this tract is SFI and FSC certified.

---

### Mixed Species Description:

- Aspen Species Pulpwood includes: Balm of Gilead 1%; Trembling Aspen 99%.
- Mixed Spruce Pulp & Bolts includes: Black Spruce 99%; White Spruce 1%.

### Mixed Product Description:

- Mixed Spruce Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

### Season of Operations:

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

### Sale Conditions:

- Access is across state land.

### Marketing Conditions:

- Sale is a mixture of species with black spruce and balsam fir being dominant. Stand quality is mixed with the bulk of the sale being fair to good quality.
- Majority of the spruce and tamarack fuelwood volumes are located in the southwestern harvest area. The bulk of the aspen and balsam are located in the northeastern harvest area. The bulk of the tamarack pulpwod is located in the farthest north harvest area and was 100% live at time of cruise in March 2019.
- Sale is located approximately 5.5 miles south of the Indian Pines Forest Road and 5.5 miles west of the Fiero truck Trail.
- Haul Distances
  - International Falls: 55 miles
  - Grand Rapids: 130 miles
  - Duluth: 215 miles
  - MN-72: 18 miles
Appraiser:
Jonathan Paul Stelter

(Appraisal ID 14686-0; Cutting Block ID 17151-0)
X016677 COUNTY: KOOCHICHING AREA: BAUDETTE AREA ACRES: 40.0

Permit Number: X016677
Permit Expiration Date: 05/31/2021

Original Sale Date: 06/11/2019 (Sale #5, tract X8)
OTC Purchase End Date: 06/11/2020

GL01,GL02,GL03,SENW of Section 19 - Township 158, Range 28W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>950.00</td>
<td>Cd</td>
<td>3.00</td>
<td>2,850.00</td>
<td>3.00</td>
<td>2,850.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>25.00</td>
<td>Cd</td>
<td>12.75</td>
<td>318.75</td>
<td>12.75</td>
<td>318.75</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 3,168.75
ADVANCE PAYMENT = $ 475.31
BID TOTAL = $ 3,168.75

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>10.20</td>
<td>0.00</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>17.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Season of Operations:
- Conduct all sale operations on frozen soil conditions only, except with written permission from State.

Marketing Conditions:
Tamarack sale consisting of approximately 70% dead tamarack and 30% live as of April 2019. Price is blended to reflect this mix. Sale also consists of a small amount of spruce, aspen and birch.
Sale is located approximately 2 miles north of the Indian Pines Road and 10 miles east of MN-72.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Jonathan Paul Stelter

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
X016399  COUNTY: CROW WING  AREA: BACKUS AREA  ACRES: 6.0

Permit Number: X016399
Permit Expiration Date: 05/31/2022
Original Sale Date: 01/04/2019 (Sale #2, tract X1)
OTC Purchase End Date: 01/04/2020

SESE,SWSE of Section 16 - Township 136, Range 25W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>185.00</td>
<td>Cd</td>
<td>16.32</td>
<td>3,019.20</td>
<td>16.32</td>
<td>3,019.20</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 3,019.20
ADVANCE PAYMENT = $ 452.88
BID TOTAL = $ 3,019.20

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

ANY LISTED SPECIES BIOMASS  100.00 Tons  1.00  0.00

Mixed Species Description:
Aspen Species Pulpwood includes: Largetooth Aspen 40%; Trembling Aspen 60%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.
- Frozen ground access across private and state.

Sale Conditions:
- Access is across private and state land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
The sale is located 14 miles north and east of Crosby, MN off of Spruce Grove Rd. The access to state land is down a dirt road on private land for 1 mile. A .5 mile road will have to be froze down on marsh/swamp grass to reach the sale. A ditch, approximately 5 feet wide, will need to be crossed using an ice/snow bridge or billets. Must get approval from TSA.

This sale is a reoffer.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Cody Crawford

(Appraisal ID 13743-0; Cutting Block ID 16115-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

INTERMEDIATE AUCTION

X016404  COUNTY: CASS  AREA: BACKUS AREA  ACRES: 14.6

Permit Number: X016404  Original Sale Date: 01/04/2019 (Sale #2, tract X6)
Permit Expiration Date: 05/31/2022  OTC Purchase End Date: 01/04/2020

NWNW of Section 28 - Township 138, Range 29W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ PINE SPECIES</td>
<td>WOODSRUN MIXED</td>
<td>55.00</td>
<td>Cd</td>
<td>9.65</td>
<td>530.75</td>
<td>9.65</td>
<td>530.75</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>WOODSRUN CORDWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>7.59</td>
<td>75.90</td>
<td>7.59</td>
<td>75.90</td>
</tr>
<tr>
<td>RED OAK</td>
<td>WOODSRUN CORDWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>10.84</td>
<td>108.40</td>
<td>10.84</td>
<td>108.40</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>WOODSRUN CORDWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>15.99</td>
<td>159.90</td>
<td>15.99</td>
<td>159.90</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 874.95
ADVANCE PAYMENT = $ 131.24
BID TOTAL = $ 743.71

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

ANY LISTED SPECIES  BIOMASS  34.00  Tons  1.00  0.00

Mixed Species Description:
Pine Species Woodsrun Mixed Products includes: Jack Pine 27%; Norway Pine 73%.

Mixed Product Description:
Pine Species Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.

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:
Norway Pine averages 8-10” DBH and 3-4 sticks.
Jack Pine averages 7-8” DBH and 3 sticks.
Sale has already been row thinned. Thinning between rows for the first time.
Tree length skidding or forwarding only, no skidding with branches allowed. Trees may have to be cut into shorter lengths before skidding.
Sale is located NE of Pine River.
This sale is a re-offer.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Brody J. Geiselman

(Appraisal ID 13248-0; Cutting Block ID 15480-0)
### Permit Number: X016405
Permit Expiration Date: 05/31/2022

NENW of Section 15; SESW, SWSE of Section 10 - Township 138, Range 31W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>89.00</td>
<td>Cd</td>
<td>21.60</td>
<td>1,922.40</td>
<td>21.60</td>
<td>1,922.40</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>58.00</td>
<td>Cd</td>
<td>8.82</td>
<td>511.56</td>
<td>8.82</td>
<td>511.56</td>
</tr>
<tr>
<td>NORTHERN</td>
<td>PULPWOOD</td>
<td>48.00</td>
<td>Cd</td>
<td>10.80</td>
<td>518.40</td>
<td>10.80</td>
<td>518.40</td>
</tr>
<tr>
<td>OAK SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>38.00</td>
<td>Cd</td>
<td>18.45</td>
<td>701.10</td>
<td>18.45</td>
<td>701.10</td>
</tr>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>1.00</td>
<td>Cd</td>
<td>10.26</td>
<td>10.26</td>
<td>10.26</td>
<td>10.26</td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>PULPWOOD</td>
<td>1.00</td>
<td>Cd</td>
<td>15.30</td>
<td>15.30</td>
<td>15.30</td>
<td>15.30</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $3,679.02
ADVANCE PAYMENT = $551.85
BID TOTAL = $3,679.02

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

| ANY LISTED SPECIES | BIOMASS | 82.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
- Aspen Species Pulpwood includes: Largetooth Aspen 40%; Trembling Aspen 60%.
- Northern Hardwoods Pulpwood includes: Paper Birch 5%; Red Maple 25%; Sugar Maple 70%.
- Oak Species Pulp & Bolts includes: Bur Oak 5%; Red Oak 95%.

Mixed Product Description:
- Ash Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
- Basswood Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
- Oak Species Pulp & Bolts includes: Bolts 45%; Pulpwood 55%.

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

Sale Conditions:
- Access is across county and State land.
- Permission to cross county land must be obtained by permittee.

Marketing Conditions:
- Sale is located south of Hwy 87 along power line in sections 10 and 15 of Bull Moose township.
- Sale consists of 22 half acre crop circles connected with skid trails. All trees will be marked and harvested in crop circles.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Brody J. Geiselman

(Appraisal ID 14144-0; Cutting Block ID 16526-0)
## Unsold Timber Sales - Data as of 07/25/2019

**Intermediate Auction**

**X016406**
- **County:** Cass
- **Area:** Backus Area
- **Acres:** 39.0

Permit Number: X016406  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 01/04/2019 (Sale #2, tract X8)  
OTC Purchase End Date: 01/04/2020

GL04, GL06 of Section 7 - Township 141, Range 28W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>180.00</td>
<td>Cd</td>
<td>10.27</td>
<td>1,848.60</td>
<td>10.27</td>
<td>1,848.60</td>
</tr>
<tr>
<td>OAK SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>178.00</td>
<td>Cd</td>
<td>13.33</td>
<td>2,372.74</td>
<td>13.33</td>
<td>2,372.74</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>96.00</td>
<td>Cd</td>
<td>8.84</td>
<td>848.64</td>
<td>8.84</td>
<td>848.64</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>84.00</td>
<td>Cd</td>
<td>7.07</td>
<td>593.88</td>
<td>7.07</td>
<td>593.88</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>69.00</td>
<td>Cd</td>
<td>16.32</td>
<td>1,126.08</td>
<td>16.32</td>
<td>1,126.08</td>
</tr>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>7.00</td>
<td>Cd</td>
<td>8.70</td>
<td>60.90</td>
<td>8.70</td>
<td>60.90</td>
</tr>
</tbody>
</table>

**Appraised Total =** $6,850.84

**Advance Payment =** $1,027.63

**Bid Total =** $6,850.84

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

- **Any listed species biomass:**
  - Volume: 363.00 Tons
  - Unit: 1.00
  - Bid: 0.00

### Mixed Species Description:

- Aspen Species Pulpwood includes: Largetooth Aspen 70%; Trembling Aspen 30%.
- Maple Species Pulpwood includes: Red Maple 45%; Sugar Maple 55%.
- Oak Species Pulp & Bolts includes: Bur Oak 7%; Red Oak 93%.

### Mixed Product Description:

- Ash Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
- Basswood Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
- Oak Species Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
- Paper Birch Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

### Season of Operations:

- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.
- Frozen ground access across private from the north is the shortest access for both cutting areas. The west cutting area has additional access across County, Tribal and USFS from the south off the Old Grade. The east stand would also require crossing USFS land in addition to the private land from the north.

### Sale Conditions:

- Access is across private land from the north for both cutting areas. Additional access to the west cutting area from the south requires crossing USFS, tribal and county land. The east cutting area would also require crossing USFS land.
- Permission to cross private, county and tribal land must be obtained by permittee.

### Marketing Conditions:

This sale is a re-offer. The west cutting area has possible access from the north across private land or access from the south across County, USFS and tribal lands. Access to the east cutting area is across private and USFS lands.

Both cutting areas are clear cut with reserves and have RMZ's with orange painted trees leaving approximately 60 sqft. basal area or greater.

### Certification Note:

The timber on this tract is SFI and FSC certified.

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
Appraiser:
Jacob Corty

(Appraisal ID 13677-0; Cutting Block ID 15708-0)
UN SOLD TIM BER SALES - DATA AS OF 07/25/2019

INTERMEDIATE AUCTION

X016613 COUNTY: CROW WING AREA: BACKUS AREA ACRES: 5.4

Permit Number: X016613
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/30/2019 (Sale #2, tract X3)
OTC Purchase End Date: 05/30/2020

GL02,GL03 of Section 34 - Township 46, Range 28W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>67.00</td>
<td>Cd</td>
<td>17.00</td>
<td>1,139.00</td>
<td>17.00</td>
<td>1,139.00</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>43.00</td>
<td>Cd</td>
<td>10.20</td>
<td>438.60</td>
<td>10.20</td>
<td>438.60</td>
</tr>
<tr>
<td>RED OAK</td>
<td>PULP &amp; BOLTS</td>
<td>40.00</td>
<td>Cd</td>
<td>18.70</td>
<td>748.00</td>
<td>18.70</td>
<td>748.00</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>26.00</td>
<td>Cd</td>
<td>7.68</td>
<td>199.68</td>
<td>7.68</td>
<td>199.68</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>6.00</td>
<td>Cd</td>
<td>5.95</td>
<td>35.70</td>
<td>5.95</td>
<td>35.70</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 2,560.98
ADVANCE PAYMENT = $ 384.15
BID TOTAL = $ 2,560.98

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

| ANY LISTED SPECIES | BIOMASS | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Larstooth Aspen 93%; Trembling Aspen 7%.
Maple Species Pulpwood includes: Red Maple 4%; Sugar Maple 96%.

Mixed Product Description:
Basswood Pulp & Bolts includes: Bolts 29%; Pulpwood 71%.
Red Oak Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

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

Marketing Conditions:
The sale is located near Bay Lake in Deerwood township off of CSAH 10.
Access is across private land.
Sale consists of 14 varying size harvest areas connected by a common skid trail.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
William H. Salo

(Appraisal ID 14371-0; Cutting Block ID 16800-0)
## X016616
**COUNTY: CASS**  **AREA: BACKUS AREA**  **ACRES: 8.8**

Permit Number: X016616  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 05/30/2019 (Sale #2, tract X6)  
OTC Purchase End Date: 05/30/2020

NWNE of Section 27; SWSE of Section 22 - Township 135, Range 31W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>90.00</td>
<td>Cd</td>
<td>5.23</td>
<td>470.70</td>
<td>5.23</td>
<td>470.70</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>8.00</td>
<td>Cd</td>
<td>7.80</td>
<td>62.40</td>
<td>7.80</td>
<td>62.40</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>4.00</td>
<td>Cd</td>
<td>13.00</td>
<td>52.00</td>
<td>13.00</td>
<td>52.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $585.10  
**ADVANCE PAYMENT =** $87.77  
**BID TOTAL =** $585.10

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

| ANY LISTED SPECIES | BIOMASS | 76.00 | Tons | 1.00 | 0.00 |

### Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 13%; Pulpwood 87%.

### Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

### Sale Conditions:
- Access is across state land.

### Marketing Conditions:
The sale is located within the Meadow Brook Wildlife Management Area. It is harvesting Black Ash so the site will need to be frozen to operate.

### Certification Note:
The timber on this tract is SFI and FSC certified.

### Appraiser:
William H. Salo

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016617**

**COUNTY: CROW WING**

**AREA: BACKUS AREA**

**ACRES: 23.9**

<table>
<thead>
<tr>
<th>Permit Number: X016617</th>
<th>Permit Expiration Date: 05/31/2022</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ORIGINAL SALE DATE:</strong></td>
<td><strong>05/30/2019</strong> (Sale #2, tract X7)</td>
</tr>
<tr>
<td><strong>OTC PURCHASE END DATE:</strong></td>
<td><strong>05/30/2020</strong></td>
</tr>
</tbody>
</table>

| GL01, NENW, NWNE, SWNW of Section 36 - Township 136, Range 29W. |

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>190.00</td>
<td>Cd</td>
<td>18.00</td>
<td>3,420.00</td>
<td>18.00</td>
<td>3,420.00</td>
</tr>
<tr>
<td>OAK SPECIES</td>
<td>PULPWOOD</td>
<td>90.00</td>
<td>Cd</td>
<td>14.40</td>
<td>1,296.00</td>
<td>14.40</td>
<td>1,296.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>55.00</td>
<td>Cd</td>
<td>14.40</td>
<td>792.00</td>
<td>14.40</td>
<td>792.00</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>50.00</td>
<td>Cd</td>
<td>10.80</td>
<td>540.00</td>
<td>10.80</td>
<td>540.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>6.30</td>
<td>220.50</td>
<td>6.30</td>
<td>220.50</td>
</tr>
<tr>
<td>NORWAY PINE</td>
<td>PULP &amp; BOLTS</td>
<td>30.00</td>
<td>Cd</td>
<td>26.55</td>
<td>796.50</td>
<td>26.55</td>
<td>796.50</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $7,065.00

**ADVANCE PAYMENT =** $1,059.75

**BID TOTAL =** $7,065.00

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>240.00 Tons</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**

- Aspen Species Pulpwood includes: Largetooth Aspen 65%; Trembling Aspen 35%.
- Maple Species Pulpwood includes: Red Maple 90%; Sugar Maple 10%.
- Oak Species Pulpwood includes: Bur Oak 60%; Red Oak 40%.

**Mixed Product Description:**

- Norway Pine Pulp & Bolts includes: Bolts 75%; Pulpwood 25%.
- Paper Birch Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

**Season of Operations:**

- Conduct sale operations on dry/frozen soil conditions only on cutting block 1, except with written permission from State.
- Conduct sale operations on frozen soil conditions only on cutting block 2, 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:**

Sale is located SE of Pequot Lakes, with good access off of Wilderness Drive on existing trails. Terrain ranges from steep to level.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Karla Regina Sandstrom

(Appraisal ID 14839-0; Cutting Block ID 17305-0)

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
**Permit Number:** X016627
**Permit Expiration Date:** 05/31/2022

**Original Sale Date:** 05/30/2019 (Sale #2, tract X17)
**OTC Purchase End Date:** 05/30/2020

**County:** Cass
**Area:** Backus Area
**Acres:** 35.2

**GL05, GL06 of Section 29 - Township 141, Range 27W.**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>323.00</td>
<td>Cd</td>
<td>8.10</td>
<td>2,616.30</td>
<td>8.10</td>
<td>2,616.30</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>119.00</td>
<td>Cd</td>
<td>16.43</td>
<td>1,955.17</td>
<td>16.43</td>
<td>1,955.17</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
<td>107.00</td>
<td>Cd</td>
<td>12.96</td>
<td>1,386.72</td>
<td>12.96</td>
<td>1,386.72</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>41.00</td>
<td>Cd</td>
<td>10.80</td>
<td>442.80</td>
<td>10.80</td>
<td>442.80</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>40.00</td>
<td>Cd</td>
<td>7.56</td>
<td>302.40</td>
<td>7.56</td>
<td>302.40</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>3.00</td>
<td>Cd</td>
<td>10.80</td>
<td>32.40</td>
<td>10.80</td>
<td>32.40</td>
</tr>
<tr>
<td>WHITE CEDAR</td>
<td>PULPWOOD</td>
<td>1.00</td>
<td>Cd</td>
<td>5.40</td>
<td>5.40</td>
<td>5.40</td>
<td>5.40</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $6,741.19

**ADVANCE PAYMENT =** $1,011.18

**BID TOTAL =** $6,741.19

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

| ANY LISTED SPECIES | BIOMASS | 423.00 | Tons | 1.00 | 0.00 |

**Mixed Species Description:**
Aspen Species Pulpwood includes: Balm of Gilead 58%; Trembling Aspen 42%.
Maple Species Pulpwood includes: Red Maple 40%; Sugar Maple 60%.

**Mixed Product Description:**
Ash Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.
Balsam Fir Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Basswood Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

**Sale Conditions:**
- Access is across state, private and tribal land.
- Permission to cross private and tribal land must be obtained by permittee.

**Marketing Conditions:**
This sale is located on the west side of Inguadona Lake approx. 3 miles east of Longville, MN. The harvest is a clearcut with scattered reserve trees and 70 sqft of BA will be reserved in the RMZ. A road through private, tribal and state property was used in the past to access this general area, approx 100 yards of new road will need to be made.
Due to the amount of residuals throughout the sale, cut to length equipment is recommended but not required. If skidding, care will need to be taken to not damage residuals. Trees may need to be cut shorter, prior to skidding. Due to the soil type in the stand it may need to be froze down prior to felling operations.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Jacob Corty

(Appraisal ID 14509-0; Cutting Block ID 16861-0)
UNSAID TIMBER SALES - DATA AS OF 07/25/2019

X016725  COUNTY: CROW WING  AREA: BACKUS AREA  ACRES: 19.6

Permit Number: X016725
Permit Expiration Date: 05/31/2022

Original Sale Date: 06/13/2019 (Sale #4, tract X1)
OTC Purchase End Date: 06/13/2020

NWNE of Section 16 - Township 45, Range 29W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>240.00</td>
<td>Cd</td>
<td>18.00</td>
<td>4,320.00</td>
<td>4,320.00</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>43.00</td>
<td>Cd</td>
<td>10.80</td>
<td>464.40</td>
<td>464.40</td>
</tr>
<tr>
<td>RED OAK</td>
<td>PULP &amp; BOLTS</td>
<td>39.00</td>
<td>Cd</td>
<td>17.01</td>
<td>663.39</td>
<td>663.39</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>10.80</td>
<td>108.00</td>
<td>108.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>6.00</td>
<td>Cd</td>
<td>10.80</td>
<td>64.80</td>
<td>64.80</td>
</tr>
<tr>
<td>NORWAY PINE</td>
<td>PULPWOOD</td>
<td>4.00</td>
<td>Cd</td>
<td>9.00</td>
<td>36.00</td>
<td>36.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 5,656.59
ADVANCE PAYMENT = $ 848.49
BID TOTAL = $ 5,656.59

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>202.00 Tons</td>
</tr>
<tr>
<td>BIOMASS</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Largetooth Aspen 87%; Trembling Aspen 13%.

Mixed Product Description:
Red Oak Pulp & Bolts includes: Bolts 29%; Pulpwood 71%.

Season of Operations:
- Conduct sale operations on dry/frozen soil conditions only, except with written permission from State (Cutting Block 2).
- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Block 1).
- Frozen ground access only (Cutting Block 1).
- The Timber Sale Administrator (TSA) can allow or stop permit operations to minimize rutting, root damage, bark slippage, beetle infestations or wildfire risk. If excessive damage is occurring, the TSA will stop operations until site conditions improve (Cutting Block 1).
- Timber harvesting activities utilizing wheeled or tracked equipment must be conducted during the period of October 1st - April 30th or during the period of July 15th - August 7th due to a known ETS species occurrence (Cutting Block 2).

Sale Conditions:
- Access is across state land (Cutting Blocks 1 and 2).

Marketing Conditions:
Most of the aspen DBH will average 6-8 inches with some larger trees in Block 1.
Access road approach improvements off of County Road 159 may require a permit from Crow Wing County, permittee is responsible for obtaining permit. Block 2 is a pine thinning by removing the hardwood component from the stand.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
William H. Salo

(Appraisal ID 13484-0; Cutting Block ID 15747-0, 15764-0)
**X016727**

**COUNTY:** CROW WING  
**AREA:** BACKUS AREA  
**ACRES:** 28.0

---

**Permit Number:** X016727  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 06/13/2019 (Sale #4, tract X3)  
**OTC Purchase End Date:** 06/13/2020

GL04,NESW,NWSW of Section 25 - Township 137, Range 27W.

---

### APPRAISED vs BID

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>120.00</td>
<td>Cd</td>
<td>20.00</td>
<td>2,400.00</td>
<td>20.00</td>
<td>2,400.00</td>
</tr>
<tr>
<td>RED OAK</td>
<td>PULPWOOD</td>
<td>105.00</td>
<td>Cd</td>
<td>16.00</td>
<td>1,680.00</td>
<td>16.00</td>
<td>1,680.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>80.00</td>
<td>Cd</td>
<td>12.00</td>
<td>960.00</td>
<td>12.00</td>
<td>960.00</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>50.00</td>
<td>Cd</td>
<td>12.00</td>
<td>600.00</td>
<td>12.00</td>
<td>600.00</td>
</tr>
<tr>
<td>NORWAY PINE</td>
<td>PULPWOOD</td>
<td>25.00</td>
<td>Cd</td>
<td>7.50</td>
<td>187.50</td>
<td>7.50</td>
<td>187.50</td>
</tr>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>10.00</td>
<td>Cd</td>
<td>10.20</td>
<td>102.00</td>
<td>10.20</td>
<td>102.00</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>7.00</td>
<td>35.00</td>
<td>7.00</td>
<td>35.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 5,964.50**  
**ADVANCE PAYMENT = $ 894.68**  
**BID TOTAL = $ 5,964.50**

---

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>WOODSRUN CORDWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>7.00</td>
<td>0.00</td>
</tr>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>231.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

---

**Mixed Species Description:**
Aspen Species Pulp & Bolts includes: Largetooth Aspen 70%; Trembling Aspen 30%.

**Mixed Product Description:**
Ash Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.  
Aspen Species Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

**Season of Operations:**
- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.  
- Frozen ground access across county.

**Marketing Conditions:**
Reduced pine price 25% from base price-1st Thinning.  
(3) Optional ash harvest area's exist on this permit. see map.  
Best access is across State land, on existing trails to east & north of harvest area.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Craig A. Schultz

(Appraisal ID 14801-0; Cutting Block ID 17284-0)
## Unsold Timber Sales - Data as of 07/25/2019

### Intermediate Auction

#### Permit Number: X016729
#### Permit Expiration Date: 05/31/2022

- **County:** CROW WING
- **Area:** BACKUS AREA
- **Acres:** 53.7

- **Original Sale Date:** 06/13/2019 (Sale #4, tract X5)
- **OTC Purchase End Date:** 06/13/2020

**SWSW of Section 27; NESE, SESE of Section 32 - Township 138, Range 25W.**

### Appraised and Bid Values

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>387.00</td>
<td>Cd</td>
<td>19.00</td>
<td>7,353.00</td>
<td>19.00</td>
<td>7,353.00</td>
</tr>
<tr>
<td>+ MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>247.00</td>
<td>Cd</td>
<td>11.40</td>
<td>2,815.80</td>
<td>11.40</td>
<td>2,815.80</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>235.00</td>
<td>Cd</td>
<td>8.65</td>
<td>2,032.75</td>
<td>8.65</td>
<td>2,032.75</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>148.00</td>
<td>Cd</td>
<td>14.06</td>
<td>2,080.88</td>
<td>14.06</td>
<td>2,080.88</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
<td>30.00</td>
<td>Cd</td>
<td>13.68</td>
<td>410.40</td>
<td>13.68</td>
<td>410.40</td>
</tr>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>23.00</td>
<td>Cd</td>
<td>8.17</td>
<td>187.91</td>
<td>8.17</td>
<td>187.91</td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>10.00</td>
<td>Cd</td>
<td>16.10</td>
<td>161.00</td>
<td>16.10</td>
<td>161.00</td>
</tr>
</tbody>
</table>

**Appraised Total = $15,041.74
Advance Payment = $2,256.26
Bid Total = $15,041.74**

### Mixed Species Description:

Maple Species Pulpwood includes: Red Maple 20%; Sugar Maple 80%.

### Mixed Product Description:

- Ash Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
- Balsam Fir Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
- Basswood Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
- Paper Birch Pulp & Bolts includes: Bolts 35%; Pulpwood 65%.
- White Spruce Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.

### Season of Operations:

- No sale operations allowed during firearms / muzzleloader deer seasons.
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

### Sale Conditions:

- Permission to cross private land must be obtained by permittee.
- Access is across state land on the west block and state and private on the east block.
- This permit contains lands in a Wildlife Management Area (WMA).

### Marketing Conditions:

This sale is located on Birchdale Wildlife Management Area approx. 5.5 miles east of Emily, MN. Both harvest areas are clearcut with reserve patches and reserve scattered trees. The east harvest area is only accessible across state and private land.

### Certification Note:

The timber on this tract is SFI and FSC certified.

### Appraiser:

Jacob Corty

*(Appraisal ID 14546-0; Cutting Block ID 16856-0)*
X016602  COUNTY: CASS  AREA: DEER RIVER AREA  ACRES: 30.3

Permit Number: X016602
Permit Expiration Date: 05/31/2022
Original Sale Date: 06/04/2019 (Sale #2, tract X11)
OTC Purchase End Date: 06/04/2020

SWNW, SWSW of Section 34; NESE, SESE of Section 33 - Township 144, Range 25W.

---

**Appraised** | **Bid**
--- | ---

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>290.00</td>
<td>Cd</td>
<td>18.00</td>
<td>5,220.00</td>
<td>18.00</td>
<td>5,220.00</td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
<td>142.00</td>
<td>Cd</td>
<td>16.20</td>
<td>2,300.40</td>
<td>16.20</td>
<td>2,300.40</td>
</tr>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>55.00</td>
<td>Cd</td>
<td>9.18</td>
<td>504.90</td>
<td>9.18</td>
<td>504.90</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>17.00</td>
<td>Cd</td>
<td>12.73</td>
<td>216.41</td>
<td>12.73</td>
<td>216.41</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 8,241.71**
**ADVANCE PAYMENT = $ 1,236.26**
**BID TOTAL = $ 8,241.71**

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>153.00</td>
<td>Cd</td>
<td>5.40</td>
<td>0.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>25.00</td>
<td>Cd</td>
<td>15.30</td>
<td>0.00</td>
</tr>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>330.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

---

**Mixed Product Description:**

Ash Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Balsam Fir Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Paper Birch Pulp & Bolts includes: Bolts 35%; Pulpwood 65%.

**Season of Operations:**
- Conduct sale operations on dry/frozen soil conditions only, except with written permission from State.
- Only small portion of sale is accessible for summer operations. Majority of sale will require frozen conditions for access.

**Sale Conditions:**
- Access is across USFS land.
- Provisions of access and/or water crossing permits will become part of sale terms and conditions for this sale.

**Marketing Conditions:**

Prices reduced 10% for road construction costs.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Joshua Matthew Tomlin

---

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
UNSold TimBer SALES - DATA As OF 07/25/2019

X016606  COUNTY: ITASCA  AREA: DEER RIVER AREA  ACRES: 29.0

Permit Number: X016606
Permit Expiration Date: 05/31/2022

GL04, SWSE of Section 36 - Township 149, Range 28W.

Original Sale Date: 06/04/2019 (Sale #2, tract X15)
OTC Purchase End Date: 06/04/2020

### APPRAISED

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>650.00</td>
<td>Cd</td>
<td>3.00</td>
<td>1,950.00</td>
<td>3.00</td>
<td>1,950.00</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>20.00</td>
<td>700.00</td>
<td>20.00</td>
<td>700.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 2,650.00
ADVANCE PAYMENT = $ 397.50

### BID

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
</table>

BID TOTAL = $ 2,650.00

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

- ANY LISTED SPECIES  BIOMASS  200.00  Tons  1.00  0.00

Season of Operations:

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

Sale Conditions:

- Access is across USFS and State land.
- Provisions of access and/or water crossing permits will become part of sale terms and conditions for this sale.

Marketing Conditions:

Price reduced 50% due to tamarack mortality.

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Joshua Matthew Tomlin

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
**PERMIT NUMBER:** X016608  
**COUNTY:** KOOCHICHING  
**AREA:** DEER RIVER AREA  
**ACRES:** 12.2

**Original Sale Date:** 06/04/2019 (Sale #2, tract X17)  
**ODT Purchase End Date:** 06/04/2020

**Permit Number:** X016608  
**Permit Expiration Date:** 05/31/2022

GL01 of Section 4; GL04 of Section 3 - Township 151, Range 26W.

**SPECIES** | **PRODUCT** | **VOLUME** | **UNIT** | **PRICE** | **$ VALUE** | **UNIT** | **$ VALUE**
--- | --- | --- | --- | --- | --- | --- | ---
+ | TREMBLING ASPEN | PULPWOOD | 360.00 | Cd | 15.00 | 5,400.00 | 15.00 | 5,400.00
| BALSAM FIR | PULPWOOD | 45.00 | Cd | 10.50 | 472.50 | 10.50 | 472.50
| PAPER BIRCH | PULPWOOD | 25.00 | Cd | 8.25 | 206.25 | 8.25 | 206.25

**APPRaised TOTAL = $ 6,078.75**  
**ADVANCE PAYMENT = $ 911.81**  
**BID TOTAL = $ 6,078.75**

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

| ANY LISTED SPECIES | BIOMASS | 205.00 | Tons | 1.00 | 0.00 |

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across county and State land.
- Permission to cross county land must be obtained by permittee.

**Marketing Conditions:**
Sale access is 3.2 miles of winter road, west from the Wildwood SFR. A portion of this access includes a snowmobile trail.
There is a possible shorter access from county road 27 across private land from the south.

Aspen on this sale is over mature and very large, with a fair amount of windthrow throughout the stand that will affect equipment travel. Price reduced additional 10% to reflect this.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Garrett Mann

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**Permit Number:** X016720  
**County:** ITASCA  
**Area:** DEER RIVER AREA  
**Acres:** 12.0  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 06/11/2019 (Sale #2, tract X35)  
**OTC Purchase End Date:** 06/11/2020

**X016720**  
**SWSE of Section 15 - Township 146, Range 25W.**

### SPECIES |
**PRODUCT** |
---|
ASH |
PULP & BOLTS |
---|
WHITE CEDAR |
PULP & BOLTS |

<table>
<thead>
<tr>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED</th>
<th>BID</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UNIT PRICE</strong></td>
<td><strong>$ VALUE</strong></td>
<td><strong>UNIT PRICE</strong></td>
<td><strong>$ VALUE</strong></td>
</tr>
<tr>
<td><strong>UNIT</strong></td>
<td><strong>VOLUME</strong></td>
<td><strong>PRICE</strong></td>
<td><strong>VALUE</strong></td>
</tr>
<tr>
<td><strong>UNIT</strong></td>
<td><strong>VOLUME</strong></td>
<td><strong>PRICE</strong></td>
<td><strong>VALUE</strong></td>
</tr>
<tr>
<td>112.00</td>
<td>Cd</td>
<td>10.98</td>
<td>1,229.76</td>
</tr>
<tr>
<td>5.00</td>
<td>Cd</td>
<td>9.00</td>
<td>45.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $1,274.76**  
**ADVANCE PAYMENT = $191.21**  
**BID TOTAL = $1,274.76**

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>89.00</td>
<td>Tons</td>
</tr>
<tr>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Mixed Product Description:**

Ash Pulp & Bolts includes: Bolts 65%; Pulpwood 35%.
White Cedar Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

**Season of Operations:**

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

**Sale Conditions:**

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

**Marketing Conditions:**

Price reduced 10% due to low stand density.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Joshua Matthew Tomlin

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

INTERMEDIATE AUCTION

X016287  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 6.0

Permit Number: X016287
Permit Expiration Date: 05/31/2021

Original Sale Date: 12/03/2018 (Sale #2, tract X1)
OTC Purchase End Date: 12/03/2019

NESE,SESE of Section 9 - Township 44, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>68.00</td>
<td>Cd</td>
<td>9.15</td>
<td>622.20</td>
<td>9.15</td>
<td>622.20</td>
</tr>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>32.00</td>
<td>Cd</td>
<td>8.55</td>
<td>273.60</td>
<td>8.55</td>
<td>273.60</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>30.00</td>
<td>Cd</td>
<td>11.15</td>
<td>334.50</td>
<td>11.15</td>
<td>334.50</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>24.00</td>
<td>Cd</td>
<td>18.35</td>
<td>440.40</td>
<td>18.35</td>
<td>440.40</td>
</tr>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>8.00</td>
<td>Cd</td>
<td>9.95</td>
<td>79.60</td>
<td>9.95</td>
<td>79.60</td>
</tr>
<tr>
<td>+ RED OAK</td>
<td>PULP &amp; BOLTS</td>
<td>8.00</td>
<td>Cd</td>
<td>16.10</td>
<td>128.80</td>
<td>16.10</td>
<td>128.80</td>
</tr>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>82.00</td>
<td>Tons</td>
<td>1.00</td>
<td>82.00</td>
<td>1.00</td>
<td>82.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 1,961.10
ADVANCE PAYMENT = $ 294.17
BID TOTAL = $ 1,961.10

Mixed Species Description:
Aspen Species Pulpwood includes: Largetooth Aspen 10%; Trembling Aspen 90%.
Maple Species Pulpwood includes: Red Maple 39%; Sugar Maple 61%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.
Basswood Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.
Paper Birch Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Red Oak Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

Marketing Conditions:
located 2.3 miles east down the Herubin Forest Road
Prices reduced 15% due to reoffer.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Troy D. Holcomb

(Appraisal ID 13769-0; Cutting Block ID 16105-0)
X016289  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 9.5

Permit Number: X016289
Permit Expiration Date: 05/31/2021

NESE of Section 32 - Township 46, Range 24W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>45.00</td>
<td>Cd</td>
<td>5.24</td>
<td>235.80</td>
<td>5.24</td>
<td>235.80</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>40.00</td>
<td>Cd</td>
<td>7.14</td>
<td>285.60</td>
<td>7.14</td>
<td>285.60</td>
</tr>
<tr>
<td>OAK SPECIES</td>
<td>WOODSRUN MIXED</td>
<td>23.00</td>
<td>Cd</td>
<td>11.42</td>
<td>262.66</td>
<td>11.42</td>
<td>262.66</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>7.14</td>
<td>142.80</td>
<td>7.14</td>
<td>142.80</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>7.00</td>
<td>Cd</td>
<td>16.77</td>
<td>117.39</td>
<td>16.77</td>
<td>117.39</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 1,044.25
ADVANCE PAYMENT = $ 156.64

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

ANY LISTED SPECIES BIOMASS 80.47 Tons 1.00 0.00

Mixed Species Description:
Ash Pulp & Bolts includes: Balm of Gilead 1%; Largetooth Aspen 1%; Trembling Aspen 98%.
Basswood Pulp & Bolts includes: Red Maple 95%; Sugar Maple 5%.
Oak Species Woodsrun Mixed Products includes: Bur Oak 85%; Red Oak 15%.

Mixed Product Description:
- Ash Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
- Basswood Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.
- Oak Species Woodsrun Mixed Products includes: Bolts 15%; Pulpwood 85%.

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

Sale Conditions:
- Access is across county land.
- Permission to cross county land must be obtained by permittee.

Marketing Conditions:
Location of Sale: From the junction of County Rd 2 and 230th Place (That Dam Road) head north on 230th Place for 9.2 miles. Sale is 1/4 mile north.

Price Reduction of -30% due to road construction costs, stand density and road plowing.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nicholas Carl Wilho Lyytinen

(Appraisal ID 13697-0; Cutting Block ID 16071-0)
Permit Number: X016295
Permit Expiration Date: 05/31/2021

GL01, GL02 of Section 21 - Township 48, Range 26W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>117.00</td>
<td>Cd</td>
<td>11.57</td>
<td>1,353.69</td>
<td>11.57</td>
<td>1,353.69</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>111.00</td>
<td>Cd</td>
<td>12.53</td>
<td>1,390.83</td>
<td>12.53</td>
<td>1,390.83</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>95.00</td>
<td>Cd</td>
<td>8.19</td>
<td>778.05</td>
<td>8.19</td>
<td>778.05</td>
</tr>
<tr>
<td>BUR OAK</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>54.00</td>
<td>Cd</td>
<td>16.02</td>
<td>865.08</td>
<td>16.02</td>
<td>865.08</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>WOODSRUN CORDWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>21.60</td>
<td>216.00</td>
<td>21.60</td>
<td>216.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 4,603.65
ADVANCE PAYMENT = $ 690.55
BID TOTAL = $ 4,603.65

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

ANY LISTED SPECIES OFFERED OPTIONAL BIOMASS
222.00 Tons 1.00 0.00

Mixed Species Description:
Aspen Species Woodsrun Cordwood includes: Balm of Gilead 10%; Trembling Aspen 90%.
Maple Species Woodsrun Mixed Products includes: Boxelder 1%; Silver Maple 60%; Sugar Maple 39%.

Mixed Product Description:
Ash Woodsrun Mixed Products includes: Bolts 27%; Pulpwood 73%.
Basswood Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 70%.
Bur Oak Woodsrun Mixed Products includes: Bolts 18%; Pulpwood 82%.
Maple Species Woodsrun Mixed Products includes: Bolts 24%; Pulpwood 76%.

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

Sale Conditions:
- Access is across state or private land.

Marketing Conditions:
Hardwood thinning along Mississippi River 8 miles North of Aitkin.
Best access is across Private

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Steven Anthony Sovinski
**Mixed Species Description:**
Aspen Species Pulpwood includes: Balm of Gilead 70%; Trembling Aspen 30%.

**Mixed Product Description:**
- Ash Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.
- Basswood Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
- Bur Oak Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
Location: From intersection of Aitkin Cnty. Hwy. 10 and St. Hwy. 200, go south on 10, 12 miles to state gravel pit on west side of road. Sale is located 0.4 miles west on woods road through the gravel pit.

Winter wood due to fine soils and drainage's throughout stand.

50-60 Basal area of residual oak and basswood to work around in general harvest area.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Matthew P. Huseby

---

**SPECIES** | **PRODUCT** | **VOLUME** | **UNIT** | **UNIT PRICE** | **$ VALUE** | **UNIT PRICE** | **$ VALUE**
--- | --- | --- | --- | --- | --- | --- | ---
+ ASH | PULP & BOLTS | 275.00 | Cd | 6.65 | 1,828.75 | 6.65 | 1,828.75
+ BASSWOOD | PULP & BOLTS | 75.00 | Cd | 5.00 | 375.00 | 5.00 | 375.00
BUR OAK | PULP & BOLTS | 20.00 | Cd | 11.70 | 234.00 | 11.70 | 234.00
ASPIN SPECIES | PULPWOOD | 10.00 | Cd | 13.80 | 138.00 | 13.80 | 138.00
BALSAM FIR | PULPWOOD | 5.00 | Cd | 11.05 | 55.25 | 11.05 | 55.25
PAPER BIRCH | PULPWOOD | 5.00 | Cd | 7.15 | 35.75 | 7.15 | 35.75
ANY LISTED SPECIES | BIOMASS | 230.00 | Tons | 1.00 | 230.00 | 1.00 | 230.00

**APPRAISED TOTAL = $ 2,896.75**
**ADVANCE PAYMENT = $ 434.51**
**BID TOTAL = $ 2,896.75**
PERMIT NUMBER: X016411

NESE of Section 21; NENW,NWSW,SENW,SWNW of Section 22 - Township 51, Range 24W.

### APPRAISED

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>275.00</td>
<td>Cd</td>
<td>8.85</td>
<td>2,433.75</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>180.00</td>
<td>Cd</td>
<td>17.70</td>
<td>3,186.00</td>
</tr>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>115.00</td>
<td>Cd</td>
<td>7.35</td>
<td>845.25</td>
</tr>
<tr>
<td>+ BUR OAK</td>
<td>PULP &amp; BOLTS</td>
<td>60.00</td>
<td>Cd</td>
<td>15.00</td>
<td>900.00</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>9.00</td>
<td>270.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>8.25</td>
<td>41.25</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $7,676.25

**ADVANCE PAYMENT =** $1,151.44

### BID

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>353.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulp & Bolts includes: Balm of Gilead 10%; Trembling Aspen 90%.
Maple Species Pulpwood includes: Red Maple 50%; Sugar Maple 50%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 35%; Pulpwood 65%.
Aspen Species Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Basswood Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Bur Oak Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

Sale Conditions:
- Access is across state or private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
Sale is located along the river road adjacent to the Verdon Town Hall.

1/2 acre gap harvest are 31cd/ac.

Wood is of good quality with 30-40% bolts in most species.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Steven Anthony Sovinski

(Appraisal ID 13639-0; Cutting Block ID 16027-0)
**X016412**  
**COUNTY:** AITKIN  
**AREA:** AITKIN AREA  
**ACRES:** 63.0

- **Permit Number:** X016412  
- **Permit Expiration Date:** 05/31/2021  
- **Original Sale Date:** 01/09/2019 (Sale #2, tract X6)  
- **OTC Purchase End Date:** 01/09/2020

**GL03, GL04 of Section 30 - Township 52, Range 25W.**
**NENE of Section 36; NESE, SESE of Section 25 - Township 52, Range 26W.**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED PRICE</th>
<th>APPRAISED $ VALUE</th>
<th>UNIT</th>
<th>BID PRICE</th>
<th>BID $ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ RED OAK</td>
<td>PULP &amp; BOLTS</td>
<td>400.00</td>
<td>Cd</td>
<td>8.30</td>
<td>3,320.00</td>
<td>8.30</td>
<td>3,320.00</td>
<td></td>
</tr>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>200.00</td>
<td>Cd</td>
<td>4.00</td>
<td>800.00</td>
<td>4.00</td>
<td>800.00</td>
<td></td>
</tr>
<tr>
<td>+ MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>190.00</td>
<td>Cd</td>
<td>5.40</td>
<td>1,026.00</td>
<td>5.40</td>
<td>1,026.00</td>
<td></td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>25.00</td>
<td>Cd</td>
<td>6.15</td>
<td>153.75</td>
<td>6.15</td>
<td>153.75</td>
<td></td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>4.05</td>
<td>20.25</td>
<td>4.05</td>
<td>20.25</td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $5,320.00**  
**ADVANCE PAYMENT = $798.00**  
**BID TOTAL = $5,320.00**

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

| ANY LISTED SPECIES | BIO MASS | 600.00 | Tons | 1.00 | 0.00 |

**Mixed Species Description:**
Maple Species Pulpwood includes: Red Maple 5%; Sugar Maple 95%.

**Mixed Product Description:**
Basswood Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.
Paper Birch Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
Red Oak Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.

**Season of Operations:**
- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across private or state land.
- Permission to cross private land must be obtained by permittee.
- Summer access to site is through private land. Winter access to sale could be off the snowmobile trail to the SE of site, but steep terrain will probably limit winter operations.

**Marketing Conditions:**
Sale Location: Sale is located on the southeast side of Quadna mountain approximately 1 mile SE of Hill City.

Best access to sale is through private land from the west of sale.

Timber is variable in diameter and height with much of wood 10-14” diameter 5-7 stick. Moderate to poor quality with a lot of firewood type oak.

9.5 cd/acre in thinning portion of permit.

APPROXIMATELY 40% OF ESTIMATED VOLUME IS DOWN/LEANING TIMBER FROM JULY 2016 WINDSTORM. Price of sale reduced to reflect salvage timber on sale. non-usable salvage timber may be left on site with no penalty.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

(SPECIES KEY: + BID SPECIES,  ☆ SOLD ON APPRAISED VOLUME)
Appraiser:
Matthew P. Huseby

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
INTERMEDIATE AUCTION

X016516   COUNTY: AITKIN    AREA: AITKIN AREA    ACRES: 6.3

Permit Number: X016516    Permit Expiration Date: 05/31/2022
Original Sale Date: 05/20/2019 (Sale #2, tract X1)    OTC Purchase End Date: 05/20/2020

SESE of Section 22 - Township 43, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>BID UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>82.00</td>
<td>Cd</td>
<td>17.00</td>
<td>1,394.00</td>
<td>17.00</td>
<td>1,394.00</td>
</tr>
<tr>
<td>+ NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>49.00</td>
<td>Cd</td>
<td>9.09</td>
<td>445.41</td>
<td>9.09</td>
<td>445.41</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 1,839.41    ADVANCE PAYMENT = $ 275.91    BID TOTAL = $ 1,839.41

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

ANY LISTED SPECIES       BIOMASS
69.00  Tons     1.00     0.00

Mixed Species Description:
Aspen Species Pulpwood includes: Largetooth Aspen 80%; Trembling Aspen 20%.
Northern Hardwoods Pulpwood includes: Basswood 15%; Paper Birch 55%; Sugar Maple 30%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access across private, State, or county land.

Sale Conditions:
- Access is across State, county, or private land.
- Permission to cross county or private land must be obtained by permittee.

Marketing Conditions:
Located 0.65 miles north of Aitkin County Road 23 with access through frozen ground only.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Jacob Jeffrey Wermerskirchen
(Appraisal ID 14745-0; Cutting Block ID 17235-0)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016517**

**COUNTY: AITKIN**

**AREA: AITKIN AREA**

**ACRES: 27.7**

Permit Number: X016517
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/20/2019 (Sale #2, tract X2)
OTC Purchase End Date: 05/20/2020

NESE,SWSE of Section 27; NWSW,SWSW of Section 26 - Township 44, Range 22W.

### APPRAISED BID

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>250.00</td>
<td>Cd</td>
<td>20.00</td>
<td>5,000.00</td>
<td>20.00</td>
<td>5,000.00</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>20.00</td>
<td>Cd</td>
<td>12.56</td>
<td>251.20</td>
<td>12.56</td>
<td>251.20</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>10.00</td>
<td>Cd</td>
<td>12.80</td>
<td>128.00</td>
<td>12.80</td>
<td>128.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>5.00</td>
<td>Cd</td>
<td>7.00</td>
<td>35.00</td>
<td>7.00</td>
<td>35.00</td>
</tr>
</tbody>
</table>

**APPRaised TOTAL = $ 5,414.20**

**ADVANCE PAYMENT = $ 812.13**

**BID TOTAL = $ 5,414.20**

---

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>FUELWOOD</td>
<td>75.00</td>
<td>Cd</td>
<td>3.50</td>
</tr>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>175.00</td>
<td>Tons</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**

Aspen Species Pulp & Bolts includes: Largetooth Aspen 10%; Trembling Aspen 90%.
Maple Species Pulp & Bolts includes: Red Maple 90%; Sugar Maple 10%.

**Mixed Product Description:**

Ash Pulp & Bolts includes: Pulpwood 100%.
Aspen Species Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Maple Species Pulp & Bolts includes: Bolts 7%; Pulpwood 93%.
Paper Birch Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

**Season of Operations:**

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

**Sale Conditions:**

- Access is across state land.

**Marketing Conditions:**

Sale is located east of Giese approximately 3 miles north of hwy 18 off 110th street on the Dehaven Forest Road.

This sale contains an optional fuelwood cutting area that consists of mostly standing dead ash. With an added timber agreement only the standing dead ash may be harvested.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Benjamin Raymond Froelich

(Appraisal ID 14630-0; Cutting Block ID 17102-0)

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
**X016518**  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 26.0

Permit Number: X016518  Permit Expiration Date: 05/31/2022

Original Sale Date: 05/20/2019 (Sale #2, tract X3)  OTC Purchase End Date: 05/20/2020

NWSW,SWNW,SWSW of Section 17 - Township 44, Range 23W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>171.00</td>
<td>Cd</td>
<td>8.19</td>
<td>1,400.49</td>
<td>8.19</td>
<td>1,400.49</td>
</tr>
<tr>
<td>+ MAPLE SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>171.00</td>
<td>Cd</td>
<td>11.52</td>
<td>1,969.92</td>
<td>11.52</td>
<td>1,969.92</td>
</tr>
<tr>
<td>+ BUR OAK</td>
<td>PULP &amp; BOLTS</td>
<td>110.00</td>
<td>Cd</td>
<td>16.20</td>
<td>1,782.00</td>
<td>16.20</td>
<td>1,782.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>6.30</td>
<td>126.00</td>
<td>6.30</td>
<td>126.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 5,278.41**  **ADVANCE PAYMENT = $ 791.76**  **BID TOTAL = $ 5,278.41**

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

ANY LISTED SPECIES  BIOMASS  291.00  Tons  1.00  0.00

**Mixed Species Description:**
Maple Species Pulp & Bolts includes: Red Maple 50%; Sugar Maple 50%.

**Mixed Product Description:**
Basswood Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
Bur Oak Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Maple Species Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

**Sale Conditions:**
- Access is across state and county or private land.
- Permission to cross county or private land must be obtained by permittee.

**Marketing Conditions:**
Sale access from snowmobile trail or private.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Laura Murphy

(Appraisal ID 14716-0; Cutting Block ID 17198-0)
<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>407.00</td>
<td>Cd</td>
<td>5.59</td>
<td>2,275.13</td>
<td>5.59</td>
<td>2,275.13</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>11.00</td>
<td>Cd</td>
<td>7.80</td>
<td>85.80</td>
<td>7.80</td>
<td>85.80</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 2,360.93**

**ADVANCE PAYMENT = $ 354.14**

**BID TOTAL = $ 2,360.93**

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

| ANY LISTED SPECIES | BIOMASS | 309.00 | Tons | 1.00 | 0.00 |

**Mixed Product Description:**

Ash Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

**Season of Operations:**

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

**Sale Conditions:**

- Access is across state land.

**Marketing Conditions:**

Located just under a mile east of Hwy 47 along 190th street, this opportunity is just a few miles south of the town of Malmo.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Steven Anthony Sovinski

(Appraisal ID 13839-0; Cutting Block ID 16212-0)

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
X016521  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 64.7

Original Sale Date: 05/20/2019 (Sale #2, tract X6)
OTC Purchase End Date: 05/20/2020

SESE,SESW,SWSE of Section 19 - Township 45, Range 22W.
NENW,NWNW,SENW,SWNW of Section 29; NENE,SENE of Section 30 - Township 45, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ RED OAK</td>
<td>PULP &amp; BOLTS</td>
<td>293.00</td>
<td>Cd</td>
<td>14.43</td>
<td>4,227.99</td>
<td>14.43</td>
<td>4,227.99</td>
<td></td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>170.00</td>
<td>Cd</td>
<td>15.98</td>
<td>2,716.60</td>
<td>15.98</td>
<td>2,716.60</td>
<td></td>
</tr>
<tr>
<td>+ NORTHERN HARDWOODS</td>
<td>PULP &amp; BOLTS</td>
<td>157.00</td>
<td>Cd</td>
<td>8.76</td>
<td>1,375.32</td>
<td>8.76</td>
<td>1,375.32</td>
<td></td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>95.00</td>
<td>Cd</td>
<td>10.88</td>
<td>1,033.60</td>
<td>10.88</td>
<td>1,033.60</td>
<td></td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 9,353.51
ADVANCE PAYMENT = $ 1,403.03
BID TOTAL = $ 9,353.51

Optional Timber (may be purchased with an Added Timber Agreement):
ANY LISTED SPECIES  BIOMASS  350.00 Tons  1.00  0.00

Mixed Species Description:
Aspen Species Pulp & Bolts includes: Balm of Gilead 1%; Largetooth Aspen 5%; Trembling Aspen 94%.
Maple Species Pulp & Bolts includes: Red Maple 40%; Sugar Maple 60%.
Northern Hardwoods Pulp & Bolts includes: Ash 6%; Basswood 46%; Paper Birch 47%.

Mixed Product Description:
Aspen Species Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.
Maple Species Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Northern Hardwoods Pulp & Bolts includes: Bolts 26%; Pulpwood 74%.
Red Oak Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

Season of Operations:
- Conduct all operations on frozen soil conditions only, except with written permission from State (Cutting Blocks 1 and 2).
- Frozen ground access only (Cutting Blocks 1 and 2).

Sale Conditions:
- Access is across state land (Cutting Blocks 1 and 2).

Marketing Conditions:
CB1: Access could be from East White Pine Forest Rd. Access is across black spruce bog, route is open but frozen access only.
CB2: Access could be from the Ruffed Grouse Rd off of CR 2. Frozen ground access only.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Laura Murphy

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
X016522  |  COUNTY: AITKIN  |  AREA: AITKIN AREA  |  ACRES: 23.0

Permit Number: X016522
Permit Expiration Date: 05/31/2022
Original Sale Date: 05/20/2019 (Sale #2, tract X7)
OTC Purchase End Date: 05/20/2020

NENE,NWNE,SENE,SWNE of Section 7 - Township 45, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>225.00</td>
<td>Cd</td>
<td>10.20</td>
<td>2,295.00</td>
<td>10.20</td>
<td>2,295.00</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULP &amp; BOLTS</td>
<td>55.00</td>
<td>Cd</td>
<td>12.80</td>
<td>704.00</td>
<td>12.80</td>
<td>704.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 2,999.00
ADVANCE PAYMENT = $ 449.85
BID TOTAL = $ 2,999.00

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>215.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Northern Hardwoods Pulp & Bolts includes: Basswood 36%; Paper Birch 10%; Red Maple 36%; Trembling Aspen 18%.

Mixed Product Description:
- Ash Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
- Northern Hardwoods Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale Location: From the junction of HWY 65 and 27 head east 5 miles on 27. Then south on 75 approximately 3 miles. (Split Rock Lake Rd.)

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Benjamin Raymond Froelich
(Appraisal ID 14591-0; Cutting Block ID 17052-0)
**Intermediate Auction**

<table>
<thead>
<tr>
<th>Permit Number: X016523</th>
<th>Permit Expiration Date: 05/31/2022</th>
</tr>
</thead>
</table>

**Count: Aitkin**

**Area: Aitkin Area**

**Acres: 87.0**

**Original Sale Date: 05/20/2019 (Sale #2, tract X8)**

**OTC Purchase End Date: 05/20/2020**

**NESE of Section 20; NESW,NWSE,NWSW,SESW of Section 21 - Township 45, Range 23W.**

<table>
<thead>
<tr>
<th>Species</th>
<th>Product</th>
<th>Volume</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Appraised Value</th>
<th>Bid Price</th>
<th>Bid Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK PULPWOOD</td>
<td>1,265.00</td>
<td>Cd</td>
<td>4.50</td>
<td>5,692.50</td>
<td>5,692.50</td>
<td>4.50</td>
<td>5,692.50</td>
</tr>
<tr>
<td>BLACK SPRUCE PULPWOOD</td>
<td>121.00</td>
<td>Cd</td>
<td>12.75</td>
<td>1,542.75</td>
<td>1,542.75</td>
<td>12.75</td>
<td>1,542.75</td>
</tr>
</tbody>
</table>

**Appraised Total = $7,235.25**

**Advance Payment = $1,085.29**

**Bid Total = $7,235.25**

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>345.00 Tons</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Season of Operations:**
- Conduct all sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
- Located just an ear shot off Hwy 65, preexisting trails and 18 miles of road connect this sale to the intersection Hwy 210

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Steven Anthony Sovinski

(Appraisal ID 13688-0; Cutting Block ID 15859-0)
**INTERMEDIATE AUCTION**

**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

<table>
<thead>
<tr>
<th>COUNTY: AITKIN</th>
<th>AREA: AITKIN AREA</th>
<th>ACRES: 30.2</th>
</tr>
</thead>
</table>

- Permit Number: X016524
- Permit Expiration Date: 05/31/2022
- Original Sale Date: 05/20/2019 (Sale #2, tract X9)
- OTC Purchase End Date: 05/20/2020

NENW,NWNW,SENW,SWNW of Section 17; SENE of Section 18 - Township 45, Range 26W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>287.00</td>
<td>Cd</td>
<td>8.60</td>
<td>2,468.20</td>
<td>8.60</td>
<td>2,468.20</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>100.00</td>
<td>Cd</td>
<td>20.00</td>
<td>2,000.00</td>
<td>20.00</td>
<td>2,000.00</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>89.00</td>
<td>Cd</td>
<td>12.88</td>
<td>1,146.32</td>
<td>12.88</td>
<td>1,146.32</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>38.00</td>
<td>Cd</td>
<td>7.98</td>
<td>303.24</td>
<td>7.98</td>
<td>303.24</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>38.00</td>
<td>Cd</td>
<td>11.00</td>
<td>418.00</td>
<td>11.00</td>
<td>418.00</td>
</tr>
<tr>
<td>YELLOW BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>28.00</td>
<td>Cd</td>
<td>12.08</td>
<td>338.24</td>
<td>12.08</td>
<td>338.24</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>14.00</td>
<td>210.00</td>
<td>14.00</td>
<td>210.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 6,884.00**

**ADVANCE PAYMENT = $ 1,032.60**

**BID TOTAL = $ 6,884.00**

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

| ANY LISTED SPECIES | BIOMASS | 424.00 | Tons | 1.00 | 0.00 |

**Mixed Species Description:**

- Aspen Species Pulpwood includes: Trembling Aspen 100%.
- Maple Species Pulp & Bolts includes: Red Maple 60%; Sugar Maple 40%.

**Mixed Product Description:**

- Ash Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
- Basswood Pulp & Bolts includes: Bolts 14%; Pulpwood 86%.
- Maple Species Pulp & Bolts includes: Bolts 11%; Pulpwood 89%.
- Yellow Birch Pulp & Bolts includes: Bolts 12%; Pulpwood 88%.

**Sale Conditions:**

- Access is across state land.

**Marketing Conditions:**

- Sale located 3 miles south of Cty Hwy 28 and 1.4 miles north of Cty. Hwy 18 right off of Cty. Rd. 51

**Certification Note:**

- The timber on this tract is SFI and FSC certified.

**Appraiser:**

Edwin Fredrick Koepp

(Appraisal ID 14362-0; Cutting Block ID 16733-0)

(SPECIES KEY: * BID SPECIES,  * SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016526**  
**COUNTY:** AITKIN  
**AREA:** AITKIN AREA  
**ACRES:** 7.5

**Permit Number:** X016526  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 05/20/2019 (Sale #2, tract X11)  
**OTC Purchase End Date:** 05/20/2020  
**GL03, SENW of Section 6 - Township 46, Range 26W.**

---

### Appraised vs. Bid

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>75.00</td>
<td>Cd</td>
<td>8.31</td>
<td>623.25</td>
<td>8.31</td>
<td>623.25</td>
</tr>
<tr>
<td>+ OAK SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>50.00</td>
<td>Cd</td>
<td>19.00</td>
<td>950.00</td>
<td>19.00</td>
<td>950.00</td>
</tr>
<tr>
<td>+ MAPLE SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>35.00</td>
<td>Cd</td>
<td>12.16</td>
<td>425.60</td>
<td>12.16</td>
<td>425.60</td>
</tr>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>20.00</td>
<td>Cd</td>
<td>7.79</td>
<td>155.80</td>
<td>7.79</td>
<td>155.80</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>18.97</td>
<td>284.55</td>
<td>18.97</td>
<td>284.55</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>5.00</td>
<td>Cd</td>
<td>12.59</td>
<td>62.95</td>
<td>12.59</td>
<td>62.95</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 2,502.15**

**ADVANCE PAYMENT = $ 375.32**

**BID TOTAL = $ 2,502.15**

---

**Optional Timber (may be purchased with an added timber agreement):**

| ANY LISTED SPECIES | BIOMASS   | 119.00 | Tons  | 1.00 | 0.00 |

---

**Mixed Species Description:**
- Aspen Species Pulpwood includes: Balm of Gilead 1%; Largetooth Aspen 1%; Trembling Aspen 98%.
- Maple Species Pulp & Bolts includes: Red Maple 75%; Sugar Maple 25%.
- Oak Species Pulp & Bolts includes: Bur Oak 60%; Red Oak 40%.

**Mixed Product Description:**
- Ash Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.
- Basswood Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.
- Maple Species Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
- Oak Species Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
- Paper Birch Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.

**Marketing Conditions:**
- **Sale Location:** From the junction of Co Rd 12 and 340th Lane head east down 340th 0.06 miles, then head southeast 0.3 miles down 399th place to a private residence. The sale is located 300 feet east of the private residence.
- 60% of the sale is dry summer access.

**Certification Note:**
- The timber on this tract is SFI and FSC certified.

**Appraiser:**
- Nicholas Carl Wilho Lyytinen

(Appraisal ID 14523-0; Cutting Block ID 16967-0)

---

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
X016527  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 61.8

Permit Number: X016527
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/20/2019 (Sale #2, tract X12)
OTC Purchase End Date: 05/20/2020

NESE,NWSE,SESE,SWSE of Section 16 - Township 47, Range 23W.

### APPRAISED

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUR OAK</td>
<td>PULP &amp; BOLTS</td>
<td>325.00</td>
<td>Cd</td>
<td>18.05</td>
<td>5,866.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>217.50</td>
<td>Cd</td>
<td>18.89</td>
<td>4,108.58</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>165.00</td>
<td>Cd</td>
<td>11.40</td>
<td>1,881.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>127.00</td>
<td>Cd</td>
<td>7.98</td>
<td>1,013.46</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>96.00</td>
<td>Cd</td>
<td>8.17</td>
<td>784.32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>37.60</td>
<td>Cd</td>
<td>13.01</td>
<td>489.18</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL:** $ 14,142.79

**ADVANCE PAYMENT:** $ 2,121.42

**BID TOTAL:** $ 14,142.79

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>584.00</td>
<td>Tons</td>
</tr>
<tr>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

### Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 4%; Largetooth Aspen 16%; Trembling Aspen 80%.

Maple Species Pulpwood includes: Red Maple 70%; Sugar Maple 30%.

### Mixed Product Description:

Ash Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

Basswood Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

Bur Oak Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

Paper Birch Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

### Season of Operations:

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

### Sale Conditions:

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

### Marketing Conditions:

1.5 miles east of Hwy 65 and 4 miles south of McGregor, MN at the end of 315th Ln.

### Certification Note:

The timber on this tract is SFI and FSC certified.

### Appraiser:

Edwin Fredrick Koepp

(Appraisal ID 14358-0; Cutting Block ID 16772-0)
INTERMEDIATE AUCTION

X016530  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 20.2

Permit Number: X016530
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/20/2019 (Sale #2, tract X15)
OTC Purchase End Date: 05/20/2020

SENESWNE of Section 33 - Township 49, Range 23W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ PINE SPECIES</td>
<td>PULPWOOD</td>
<td>195.00</td>
<td>Cd</td>
<td>6.30</td>
<td>1,228.50</td>
<td>6.30</td>
<td>1,228.50</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>85.00</td>
<td>Cd</td>
<td>13.98</td>
<td>1,188.30</td>
<td>13.98</td>
<td>1,188.30</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>28.00</td>
<td>Cd</td>
<td>7.70</td>
<td>215.60</td>
<td>7.70</td>
<td>215.60</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>8.40</td>
<td>42.00</td>
<td>8.40</td>
<td>42.00</td>
</tr>
</tbody>
</table>

APPRaised Total = $ 2,674.40
Advance Payment = $ 401.16
BID Total = $ 2,674.40

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

ANY LISTED SPECIES  BIOMASS  176.00  Tons  1.00  0.00

Mixed Species Description:
- Aspen Species Pulpwood includes: Balm of Gilead 1%; Largetooth Aspen 1%; Trembling Aspen 98%.
- Maple Species Pulpwood includes: Red Maple 90%; Sugar Maple 10%.
- Pine Species Pulpwood includes: Jack Pine 2%; Norway Pine 98%.

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

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

Marketing Conditions:
- Access for sale is across private land off of Aitkin County Highway 6 (Goshawk St.). The Tamarack Trail (MN Snowmobile Trail) runs from Highway 6, through the private property into this stand. Sale is 0.4 miles down the snowmobile trail from Highway 6.

Certification Note:
- The timber on this tract is SFI and FSC certified.

Appraiser:
Madisson Weier

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
INTERMEDIATE AUCTION

UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

X016532  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 5.4

Permit Number: X016532  Permit Expiration Date: 05/31/2023

Original Sale Date: 05/20/2019 (Sale #2, tract X17)  OTC Purchase End Date: 05/20/2020

GL03,NENW of Section 23 - Township 49, Range 23W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>ASH</td>
<td>90.00</td>
<td>Cd</td>
<td>5.95</td>
<td>535.50</td>
<td>5.95</td>
<td>535.50</td>
</tr>
<tr>
<td>+</td>
<td>NORTHERN</td>
<td>49.00</td>
<td>Cd</td>
<td>14.88</td>
<td>729.12</td>
<td>14.88</td>
<td>729.12</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 1,264.62
ADVANCE PAYMENT = $ 189.69
BID TOTAL = $ 1,264.62

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

ANY LISTED SPECIES BIOMASS  92.00  Tons  1.00  0.00

Mixed Species Description:

Northern Hardwoods Pulpwood includes: Balsam Fir 5%; Largetooth Aspen 20%; Paper Birch 20%; Red Maple 5%; Trembling Aspen 50%.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

Sale expiration date is longer due to the need for extensive freezing conditions to allow sale operability. Skid trail cut between gaps should be chosen to avoid cedar and yellow birch where possible. Species that need to be cut to get to gaps will be added with an added timber form.

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Derek Duane Wagner

(Appraisal ID 14677-0; Cutting Block ID 16875-0)
X016534  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 7.0

Permit Number: X016534
Permit Expiration Date: 05/31/2022
Original Sale Date: 05/20/2019 (Sale #2, tract X19)
OTC Purchase End Date: 05/20/2020

NWSW, SESW, SWSW of Section 23 - Township 50, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORTHERN HARDWOODS</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>226.00</td>
<td>Cd</td>
<td>6.04</td>
<td>1,365.04</td>
<td>6.04</td>
<td>1,365.04</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $1,365.04

**ADVANCE PAYMENT =** $204.76

**BID TOTAL =** $1,365.04

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

- ANY LISTED SPECIES
- BIOMASS

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>134.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Northern Hardwoods Woodsrun Mixed Products includes: Ash 20%; Balm of Gilead 1%; Basswood 28%; Bur Oak 5%; Paper Birch 15%; Red Maple 10%; Sugar Maple 1%; Trembling Aspen 20%.

Mixed Product Description:
Northern Hardwoods Woodsrun Mixed Products includes: Bolts 2%; Pulpwood 98%.

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

Sale Conditions:
- Access is across state and/or private land.

Marketing Conditions:
Sale is located next to a recently planted spruce plantation off of the Balsam Forest Road. Aspen diameter is 14-16", Basswood diameter is 16", Birch diameter is 10-16", Bur Oak diameter is 8-14", and Ash diameter is variable. Balsam Fir located within gap clear-cuts and trail between gap clear-cuts may be cut and utilized with an added timber form. Possible Balsam Fir utilization and trail layout will be discussed at the pre-sale meeting.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Derek Duane Wagner

(Appraisal ID 13321-0; Cutting Block ID 15564-0)

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016535**
COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 16.8

Permit Number: X016535  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 05/20/2019 (Sale #2, tract X20)  
OTC Purchase End Date: 05/20/2020

GL01 of Section 4; GL04, SWNW of Section 3 - Township 50, Range 23W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORTHERN</td>
<td>PULPWOOD</td>
<td>45.00</td>
<td>Cd</td>
<td>9.91</td>
<td>445.95</td>
<td>9.91</td>
<td>445.95</td>
</tr>
<tr>
<td>HARDWOODS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>21.00</td>
<td>315.00</td>
<td>21.00</td>
<td>315.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 760.95**

**ADVANCE PAYMENT = $ 114.14**

**BID TOTAL = $ 760.95**

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>100.00</td>
<td>Cd</td>
<td>6.30</td>
<td>0.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>60.00</td>
<td>Cd</td>
<td>17.85</td>
<td>0.00</td>
</tr>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>34.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 2%; Largetooth Aspen 70%; Trembling Aspen 28%.
Northern Hardwoods Pulpwood includes: Ash 10%; Basswood 35%; Paper Birch 35%; Red Maple 10%; Sugar Maple 10%.

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:

Sale has some blowdown in it, but was not counted as part of cords total. All blowdown may be utilized with an added timber form. Sale is located off of the Wakefield Lake road.

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Derek Duane Wagner

(Appraisal ID 14679-0; Cutting Block ID 16927-0)
X016536  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 20.1

Permit Number: X016536
Permit Expiration Date: 05/31/2022
Original Sale Date: 05/20/2019 (Sale #2, tract X21)
OTC Purchase End Date: 05/20/2020

NENE,NENW,NWNE,SENE,SENW,SWNE of Section 18 - Township 50, Range 23W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>247.00</td>
<td>Cd</td>
<td>18.00</td>
<td>4,446.00</td>
<td>18.00</td>
<td>4,446.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>130.00</td>
<td>Cd</td>
<td>9.90</td>
<td>1,287.00</td>
<td>9.90</td>
<td>1,287.00</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>9.00</td>
<td>315.00</td>
<td>9.00</td>
<td>315.00</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 6,048.00
ADVANCE PAYMENT = $ 907.20
BID TOTAL = $ 6,048.00

Optional Timber (may be purchased with an Added Timber Agreement):
ANY LISTED SPECIES   BIOMASS  207.00   Tons  1.00  0.00

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 1%; Largetooth Aspen 1%; Trembling Aspen 98%.
Northern Hardwoods Pulpwood includes: Ash 40%; Red Maple 30%; Sugar Maple 30%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale is located near trail system off of Aitkin Lake Forest Road. If summer access is found by existing trails or minimally new roads, then sale could be harvested during dry soil conditions. Possibilities of this are minimal. Birch trees to be reserved are for future seed trees.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Derek Duane Wagner (Appraisal ID 14682-0; Cutting Block ID 16990-0)
**PERMIT INFORMATION**

Permit Number: X016537  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 05/20/2019 (Sale #2, tract X22)  
OTC Purchase End Date: 05/20/2020

**LGS, NW, SENW, SW of Section 11; NESW of Section 10 - Township 50, Range 23W.**

**BID APPRAISED UNIT BID**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>155.00</td>
<td>Cd</td>
<td>8.82</td>
<td>1,367.10</td>
</tr>
<tr>
<td>+ OAK SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>97.00</td>
<td>Cd</td>
<td>19.95</td>
<td>1,935.15</td>
</tr>
<tr>
<td>+ MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>83.00</td>
<td>Cd</td>
<td>12.60</td>
<td>1,045.80</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>52.00</td>
<td>Cd</td>
<td>11.55</td>
<td>600.60</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>37.00</td>
<td>Cd</td>
<td>7.35</td>
<td>271.95</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>14.70</td>
<td>220.50</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>13.00</td>
<td>Cd</td>
<td>21.00</td>
<td>273.00</td>
</tr>
<tr>
<td>IRONWOOD</td>
<td>PULPWOOD</td>
<td>1.00</td>
<td>Cd</td>
<td>8.40</td>
<td>8.40</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 5,722.50  
ADVANCE PAYMENT = $ 858.38  
BID TOTAL = $ 5,722.50

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>201.00 Tons</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**

- Aspen Species Pulpwood includes: Largetooth Aspen 85%; Trembling Aspen 15%.
- Maple Species Pulpwood includes: Red Maple 65%; Sugar Maple 35%.
- Oak Species Pulp & Bolts includes: Bur Oak 5%; Red Oak 95%.

**Mixed Product Description:**

- Basswood Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
- Oak Species Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

**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:**

- Sale is located directly off the Remote Lake Forest Road, 0.5 miles east of the intersection with County Road 36.

**Certification Note:**

- The timber on this tract is SFI and FSC certified.

**Appraiser:**

Madisson Weier  
(Appraisal ID 14372-0; Cutting Block ID 16808-0)
COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 15.2

Permit Number: X016539
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/20/2019 (Sale #2, tract X24)
OTC Purchase End Date: 05/20/2020

NESE,SESE,SWSE of Section 2 - Township 50, Range 23W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORTHERN</td>
<td>PULPWOOD</td>
<td>146.00</td>
<td>Cd</td>
<td>2.94</td>
<td>429.24</td>
<td>2.94</td>
<td>429.24</td>
</tr>
</tbody>
</table>

APPRaised Total = $ 429.24
ADVANCE PAYMENT = $ 64.39
BID TOTAL = $ 429.24

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOMASS</td>
<td>97.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
<td></td>
</tr>
</tbody>
</table>

Mixed Species Description:
Northern Hardwoods Pulpwood includes: Ash 6%; Basswood 40%; Bur Oak 3%; Paper Birch 1%; Red Maple 5%; Sugar Maple 45%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale is salvage from the blowdown event of July 2016. Species mix and sizes are variable. Most blowdown observed was some degree of uprooted. Volume estimate is 70% less than current inventory data. Reserve area is small hillside leading down to adjacent lake. Sale is accessed off of Remote Lake Forest Road.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Derek Duane Wagner

(Appraisal ID 14684-0; Cutting Block ID 16995-0)
UNSOLED TIMBER SALES - DATA AS OF 07/25/2019

INTERMEDIATE AUCTION

X016540  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 14.0

Permit Number: X016540
Permit Expiration Date: 05/31/2022
Original Sale Date: 05/20/2019 (Sale #2, tract X25)
OTC Purchase End Date: 05/20/2020

GL05, GL06, GL07, GL12, GL13 of Section 18 - Township 50, Range 24W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ SILVER MAPLE</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>150.00</td>
<td>Cd</td>
<td>19.15</td>
<td>2,872.50</td>
<td>19.15</td>
<td>2,872.50</td>
</tr>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>130.00</td>
<td>Cd</td>
<td>9.40</td>
<td>1,222.00</td>
<td>9.40</td>
<td>1,222.00</td>
</tr>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>80.00</td>
<td>Cd</td>
<td>8.75</td>
<td>700.00</td>
<td>8.75</td>
<td>700.00</td>
</tr>
<tr>
<td>+ BUR OAK</td>
<td>PULP &amp; BOLTS</td>
<td>65.00</td>
<td>Cd</td>
<td>20.00</td>
<td>1,300.00</td>
<td>20.00</td>
<td>1,300.00</td>
</tr>
</tbody>
</table>

APPROVED TOTAL = $ 6,094.50
ADVANCE PAYMENT = $ 914.18
BID TOTAL = $ 6,094.50

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>246.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
Basswood Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.
Bur Oak Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Silver Maple Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 60%; Sawlog-Grade 3 (Hardwood) 10%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale Location: From the junction of Co Rd 5 and Co Rd 18 head east on Co Rd 18 2 miles to the sale.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nicholas Carl Wilho Lyytinen

(Appraisal ID 14361-0; Cutting Block ID 16708-0)

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
COUNTY: AITKIN

AREA: AITKIN AREA

ACRES: 17.7

Permit Number: X016541
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/20/2019 (Sale #2, tract X26)
OTC Purchase End Date: 05/20/2020

GL03,NWNW of Section 26 - Township 50, Range 24W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>80.00</td>
<td>Cd</td>
<td>7.20</td>
<td>576.00</td>
<td>7.20</td>
<td>576.00</td>
</tr>
<tr>
<td>+ SILVER MAPLE</td>
<td>PULP &amp; BOLTS</td>
<td>25.00</td>
<td>Cd</td>
<td>10.88</td>
<td>272.00</td>
<td>10.88</td>
<td>272.00</td>
</tr>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>20.00</td>
<td>Cd</td>
<td>6.44</td>
<td>128.80</td>
<td>6.44</td>
<td>128.80</td>
</tr>
<tr>
<td>+ BALM OF GILEAD</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>13.60</td>
<td>136.00</td>
<td>13.60</td>
<td>136.00</td>
</tr>
<tr>
<td>+ BUR OAK</td>
<td>PULP &amp; BOLTS</td>
<td>10.00</td>
<td>Cd</td>
<td>14.40</td>
<td>144.00</td>
<td>14.40</td>
<td>144.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 1,256.80
ADVANCE PAYMENT = $ 188.52
BID TOTAL = $ 1,256.80

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>FUELWOOD</td>
<td>150.00</td>
<td>Cd</td>
<td>3.60</td>
<td>0.00</td>
</tr>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>82.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.
Basswood Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.
Bur Oak Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Silver Maple Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

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

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

Marketing Conditions:
Sale Location: From the junction of 537th Lane and Co Rd 10 head east on 537th Lane 1/2 mile. The sale 1/2 mile southeast through private.

Price reduction of 20% due to winter only access and road construction costs.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nicholas Carl Wilho Lyytinen

(Appraisal ID 14464-0; Cutting Block ID 16901-0)
**Permit Number:** X016544  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 05/20/2019 (Sale #2, tract X29)  
**OTC Purchase End Date:** 05/20/2020

NENE, NESW, NWNE, NWSW, SENE, SWNE, SWNW of Section 23 - Township 51, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>560.00</td>
<td>Cd</td>
<td>5.70</td>
<td>3,192.00</td>
<td>3,192.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>80.00</td>
<td>Cd</td>
<td>6.65</td>
<td>532.00</td>
<td>532.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>16.15</td>
<td>565.25</td>
<td>565.25</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>13.30</td>
<td>66.50</td>
<td>66.50</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $4,355.75  
**ADVANCE PAYMENT =** $653.36  
**BID TOTAL =** $4,355.75

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>240.00</td>
<td>Tons</td>
<td>0.95</td>
</tr>
</tbody>
</table>

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
From Jacobson go south on state hwy 65 for 4 miles then take a left on co. rd. 65. Stay on co.rd.65 for 6.25 miles then keep straight onto the hedbom forest rd for another 8 miles. The access trail heads south for another 1.5 miles to the sale.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Gene Geordan Grell

(Appraisal ID 14660-0; Cutting Block ID 17136-0)
X016545 COUNTY: AITKIN AREA: AITKIN AREA ACRES: 71.2

Permit Number: X016545 Permit Expiration Date: 05/31/2022

Original Sale Date: 05/20/2019 (Sale #2, tract X30) OTC Purchase End Date: 05/20/2020

GL02,GL03,GL04 of Section 18; GL01 of Section 19 - Township 51, Range 24W.
NESE,SENE,SESE of Section 13 - Township 51, Range 25W.

**APPRAISED**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>580.00</td>
<td>Cd</td>
<td>5.33</td>
<td>3,091.40</td>
<td>5.33</td>
<td>3,091.40</td>
</tr>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>100.00</td>
<td>Cd</td>
<td>6.14</td>
<td>614.00</td>
<td>6.14</td>
<td>614.00</td>
</tr>
<tr>
<td>+ SILVER MAPLE</td>
<td>PULP &amp; BOLTS</td>
<td>65.00</td>
<td>Cd</td>
<td>8.32</td>
<td>540.80</td>
<td>8.32</td>
<td>540.80</td>
</tr>
<tr>
<td>+ BUR OAK</td>
<td>PULP &amp; BOLTS</td>
<td>55.00</td>
<td>Cd</td>
<td>11.70</td>
<td>643.50</td>
<td>11.70</td>
<td>643.50</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>7.80</td>
<td>273.00</td>
<td>7.80</td>
<td>273.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL** = $ 5,162.70

**ADVANCE PAYMENT** = $ 774.41

**BID TOTAL** = $ 5,162.70

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

| ANY LISTED SPECIES | BIOMASS | 485.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Maple Species Pulpwood includes: Red Maple 10%; Sugar Maple 90%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.
Basswood Pulp & Bolts includes: Bolts 35%; Pulpwood 65%.
Bur Oak Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Silver Maple Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale Location: From intersection of St. Hwy 169 and 200, go east 6.5 miles to Washburn Lake SFR. Go 8 miles south on forest road to start of existing, brushed in winter road. Re-open winter road for 1.7 miles to the west to sale location.

Highly variable timber, flood plain type wood and typical northern hardwood ground included in sale. Generally poor/moderate quality.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Matthew P. Huseby

(Appraisal ID 14516-0; Cutting Block ID 16950-0)
X016547  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 9.1

Permit Number: X016547  Permit Expiration Date: 05/31/2022
Original Sale Date: 05/20/2019 (Sale #2, tract X32)  OTC Purchase End Date: 05/20/2020

NWNW,NWSW,SWNW of Section 11 - Township 51, Range 25W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>100.00</td>
<td>Cd</td>
<td>18.72</td>
<td>1,872.00</td>
<td>18.72</td>
<td>1,872.00</td>
</tr>
</tbody>
</table>

**APPRAISED**
**BID**

APPRAISED TOTAL = $1,872.00
ADVANCE PAYMENT = $280.80
BID TOTAL = $1,872.00

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>45.00 Tons</td>
<td>0.95</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 10%; Trembling Aspen 90%.

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:
From Hill City go south on state hwy 169 3 miles, then head east on 640th Ln./moose willow rd for another 5 miles. At the T in the road go east 1.75 miles then south 1 mile to sale on east side of road.

A few pockets of blow down are present throughout sale. No standing timber charges will be applied for unsalvageable wood.

Majority of aspen diameter is on the small side

Dry summer chance.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Gene Geordan Grell

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
## Unsold Timber Sales - Data as of 07/25/2019

### Intermediate Auction

**Permit Number:** X016548  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 05/20/2019 (Sale #2, tract X33)  
**OTC Purchase End Date:** 05/20/2020  

**SWSE of Section 22; NWNE of Section 27 - Township 52, Range 24W.**

### Appraised and Bid Values

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>75.00</td>
<td>Cd</td>
<td>19.95</td>
<td>1,496.25</td>
<td>19.95</td>
<td>1,496.25</td>
</tr>
<tr>
<td>+ NORTHERN HARDWOODS</td>
<td>PULP &amp; BOLTS</td>
<td>35.00</td>
<td>Cd</td>
<td>13.70</td>
<td>479.50</td>
<td>13.70</td>
<td>479.50</td>
</tr>
</tbody>
</table>

**APPRaised TOTAL =** $1,975.75  
**ADVANCE PAYMENT =** $296.36  
**BID TOTAL =** $1,975.75

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

| ANY LISTED SPECIES | BIOMASS | 55.00  | Tons | 1.00 | 0.00 |

### Mixed Species Description:

- Aspen Species Pulpwood includes: Balm of Gilead 1%; Trembling Aspen 99%.
- Northern Hardwoods Pulp & Bolts includes: Ash 34%; Basswood 25%; Paper Birch 25%; Red Oak 16%.

### Mixed Product Description:

- Northern Hardwoods Pulp & Bolts includes: Bolts 51%; Pulpwood 49%.

### Season of Operations:

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

### Sale Conditions:

- Access is across state land.
- An on-site meeting with the State must occur prior to sale operations.

### Marketing Conditions:

- Sale is 2 miles down the Elliot Forest Road.

### Certification Note:

- The timber on this tract is SFI and FSC certified.

### Appraiser:

- Josiah Michael Emerson

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**X016549**

**COUNTY: AITKIN**

**AREA: AITKIN AREA**

**ACRES: 8.0**

Permit Number: X016549  
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/20/2019 (Sale #2, tract X34)  
OTC Purchase End Date: 05/20/2020

NESE, NWSE, SENE of Section 34; NENE of Section 33 - Township 52, Range 25W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ SILVER MAPLE</td>
<td>PULPWOOD</td>
<td>85.00</td>
<td>Cd</td>
<td>9.60</td>
<td>816.00</td>
<td>9.60</td>
<td>816.00</td>
</tr>
<tr>
<td>+ ASH</td>
<td>PULPWOOD</td>
<td>25.00</td>
<td>Cd</td>
<td>5.60</td>
<td>140.00</td>
<td>5.60</td>
<td>140.00</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>15.04</td>
<td>300.80</td>
<td>15.04</td>
<td>300.80</td>
</tr>
<tr>
<td>+ BUR OAK</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>12.80</td>
<td>192.00</td>
<td>12.80</td>
<td>192.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $ 1,448.80  
**ADVANCE PAYMENT =** $ 217.32  
**BID TOTAL =** $ 1,448.80

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

- ANY LISTED SPECIES  
- BIOMASS  

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>77.00</td>
<td>Tons</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:

Aspen Species Pulpwood includes: Balm of Gilead 40%; Trembling Aspen 60%.

Season of Operations:

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

Sale Conditions:

- Access is across state land.

Marketing Conditions:

From Hill City go south on state hwy 169 3 miles, then head east for 5 miles on 640th Ln./moose willow rd. At the T in the road go east 1/4 mile then north down logging road 3/4 of a mile to first stand on sale. To get to second stand head southeast along the river about a mile.

Have to cross the willow river to get to a portion of this sale.

Certification Note:

The timber on this tract is SFI and FSC certified.

Appraiser:

Gene Geordan Grell

(Appraisal ID 14382-0; Cutting Block ID 16804-0)

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
**Appraiser:**

Derek Duane Wagner

(Species Key: + Bid Species, * Sold on Appraised Volume)
X016552  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 8.0

Permit Number: X016552  Permit Expiration Date: 05/31/2022
GL04 of Section 3 - Township 52, Range 27W.

Original Sale Date: 05/20/2019 (Sale #2, tract X37)  OTC Purchase End Date: 05/20/2020

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>85.00</td>
<td>Cd</td>
<td>6.30</td>
<td>535.50</td>
<td>6.30</td>
<td>535.50</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>70.00</td>
<td>Cd</td>
<td>9.60</td>
<td>672.00</td>
<td>9.60</td>
<td>672.00</td>
</tr>
<tr>
<td>+ MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>50.00</td>
<td>Cd</td>
<td>9.00</td>
<td>450.00</td>
<td>9.00</td>
<td>450.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>10.00</td>
<td>Cd</td>
<td>6.45</td>
<td>64.50</td>
<td>6.45</td>
<td>64.50</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>14.98</td>
<td>74.90</td>
<td>14.98</td>
<td>74.90</td>
</tr>
</tbody>
</table>

Appraised Total = $ 1,796.90
Advance Payment = $ 269.54
BID Total = $ 1,796.90

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>128.00 Tons</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 1%; Largetooth Aspen 1%; Trembling Aspen 98%.
Maple Species Pulpwood includes: Red Maple 90%; Sugar Maple 10%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Basswood Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.
Paper Birch Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

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

Sale Conditions:
- Access is across county land.
- Permission to cross county land must be obtained by permittee.

Marketing Conditions:
Sale Location: From the junction of MN HWY 200 and Co Rd 29 head 0.5 miles west then turn north on the Haypoint snowmobile trail for 6.5 miles to an old winter road. Head northeast on old winter road for 0.3 miles. The sale is 0.10 miles to the northwest.

Some road construction across county land is required to access this sale.
An adjacent timber sale may be available on county land.
Price reduction due of -25% due to winter access and road construction costs.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nicholas Carl Wilho Lyytinen

(Appraisal ID 14525-0; Cutting Block ID 16969-0)
### INTERMEDIATE AUCTION

**X016686**

**COUNTY:** AITKIN  
**AREA:** AITKIN AREA  
**ACRES:** 20.0

- **Permit Number:** X016686  
- **Permit Expiration Date:** 05/31/2022  
- **Original Sale Date:** 06/11/2019 (Sale #2, tract X1)  
- **OTC Purchase End Date:** 06/11/2020

NWSE,SWSE of Section 16 - Township 43, Range 24W.

#### APPRAISED vs BID

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>120.00</td>
<td>Cd</td>
<td>4.20</td>
<td>504.00</td>
<td>4.20</td>
<td>504.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>46.00</td>
<td>Cd</td>
<td>11.90</td>
<td>547.40</td>
<td>11.90</td>
<td>547.40</td>
</tr>
</tbody>
</table>

**APPRaised TOTAL = $ 1,051.40**  
**ADVANCE PAYMENT = $ 157.71**  
**BID TOTAL = $ 1,051.40**

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
<th>VOLUME</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>59.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

|             |          |        |      |

#### Season of Operations:

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

#### Sale Conditions:

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

#### Marketing Conditions:

Located 1 mile south of State Highway 18 with access through private land on frozen ground only.

#### Certification Note:

The timber on this tract is SFI and FSC certified.

#### Appraiser:

Jacob Jeffrey Wermerskirchen

(Appraisal ID 14725-0; Cutting Block ID 17207-0)
**Permit Number:** X016688  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 06/11/2019 (Sale #2, tract X3)  
**OTC Purchase End Date:** 06/11/2020

NENE,NWNE,SENE,SWNE of Section 16 - Township 45, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ BLACK SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>805.00</td>
<td>Cd</td>
<td>18.10</td>
<td>14,570.50</td>
<td>18.10</td>
<td>14,570.50</td>
</tr>
<tr>
<td>+ TAMARACK</td>
<td>PULP &amp; BOLTS</td>
<td>175.00</td>
<td>Cd</td>
<td>7.50</td>
<td>1,312.50</td>
<td>7.50</td>
<td>1,312.50</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $15,883.00  
**ADVANCE PAYMENT =** $2,382.45  
**BID TOTAL =** $15,883.00

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

- ANY LISTED SPECIES  

**Mixed Product Description:**

- Black Spruce Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
- Tamarack Pulp & Bolts includes: Bolts 25%; Pulpwood 75%.

**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:**

- Sale is east off the split rock lake road near the snowmobile trail.

**Certification Note:**

- The timber on this tract is SFI and FSC certified.

**Appraiser:**

Benjamin Raymond Froelich

---

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
X016691  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 26.0

Permit Number: X016691  Permit Expiration Date: 05/31/2022  
Original Sale Date: 06/11/2019 (Sale #2, tract X6)  OTC Purchase End Date: 06/11/2020  
NENW, SENW, SWNE of Section 29 - Township 50, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE/UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>655.00</td>
<td>Cd</td>
<td>19.00</td>
<td>12,445.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>6.65</td>
<td>432.25</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>11.07</td>
<td>166.05</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 13,043.30**
**ADVANCE PAYMENT = $ 1,956.50**  
**BID TOTAL = $ 13,043.30**

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE/UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>354.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**

Aspen Species Pulpwod includes: Balm of Gilead 4%; Large tooth Aspen 1%; Trembling Aspen 95%. 
Northern Hardwoods Pulpwod includes: Paper Birch 35%; Red Maple 50%; Sugar Maple 15%.

**Season of Operations:**

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

**Sale Conditions:**

- Access is across state and/or private land.

**Marketing Conditions:**

Reserve area on eastern portion of the sale is a buffer between harvest area and wetland area that follows line of merchantable/non-merchantable timber. Sale was cruised in winter with deep snow, but possible stream crossing appeared to be 8-10 feet wide at most. Private land access is off of "Sinners Gate Road".

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Derek Duane Wagner

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
X016693  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 4.0

Permit Number: X016693
Permit Expiration Date: 05/31/2022

Original Sale Date: 06/11/2019 (Sale #2, tract X8)
OTC Purchase End Date: 06/11/2020

NENE of Section 20 - Township 50, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>112.00</td>
<td>Cd</td>
<td>6.97</td>
<td>780.64</td>
<td>6.97</td>
<td>780.64</td>
</tr>
<tr>
<td>YELLOW BIRCH</td>
<td>PULPWOOD</td>
<td>13.00</td>
<td>Cd</td>
<td>9.35</td>
<td>121.55</td>
<td>9.35</td>
<td>121.55</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>8.00</td>
<td>Cd</td>
<td>9.35</td>
<td>74.80</td>
<td>9.35</td>
<td>74.80</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 976.99
ADVANCE PAYMENT = $ 146.55
BID TOTAL = $ 976.99

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

| SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME |

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.

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

Sale Conditions:
- Access is across state land.
- The shortest distance to access the sale is partially through Savanna Portage State Park.

Marketing Conditions:
Ash in permit is good sized and appears to be fair-good quality. If snowmobile trail is used to access sale, it will need to be to accommodate truck traffic. Park staff will need to be informed of vehicle and truck traffic.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Derek Duane Wagner
**X016694**  
**COUNTY: AITKIN**  
**AREA: AITKIN AREA**  
**ACRES: 3.0**

Permit Number: X016694  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 06/11/2019 (Sale #2, tract X9)  
OTC Purchase End Date: 06/11/2020  
GL04,NWSE of Section 29 - Township 50, Range 23W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULPWOOD</td>
<td>60.00</td>
<td>Cd</td>
<td>7.00</td>
<td>420.00</td>
<td>7.00</td>
<td>420.00</td>
</tr>
<tr>
<td>+ NORTHERN</td>
<td>HARDWOODS</td>
<td>17.00</td>
<td>Cd</td>
<td>10.20</td>
<td>173.40</td>
<td>10.20</td>
<td>173.40</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 593.40**  
**ADVANCE PAYMENT = $ 89.01**  
**BID TOTAL = $ 593.40**

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

| ANY LISTED SPECIES | BIOMASS | 55.00 | Tons | 1.00 | 0.00 |

**Mixed Species Description:**
Northern Hardwoods Pulpwood includes: Basswood 60%; Red Maple 25%; Trembling Aspen 15%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
Sale is located in somewhat of a "drier" ash swamp than others. Some gap cut edges come onto upland areas. Up to a 16ft. wide path may be cut between circles.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Derek Duane Wagner

*(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)*
X016695 COUNTY: AITKIN AREA: AITKIN AREA ACRES: 17.0

Permit Number: X016695
Permit Expiration Date: 05/31/2022
Original Sale Date: 06/11/2019 (Sale #2, tract X10)
OTE Purchase End Date: 06/11/2020

NESW,SESW of Section 2 - Township 50, Range 26W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>330.00</td>
<td>Cd</td>
<td>19.95</td>
<td>6,583.50</td>
<td>19.95</td>
<td>6,583.50</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 6,583.50
ADVANCE PAYMENT = $ 987.53
BID TOTAL = $ 6,583.50

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

| ANY LISTED SPECIES | BIOMASS | 195.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 1%; Trembling Aspen 99%.

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

Sale Conditions:
- Access is across state land.
- An on-site meeting with the State must occur prior to sale operations.

Marketing Conditions:
Sale is located one mile north of Co Rd 18 and four miles south of Co Rd 7.
There is an access through an aspen stand just to the north of the sale from Hwy 169.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Josiah Michael Emerson
(Appraisal ID 14724-0; Cutting Block ID 17208-0)
X016696  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 5.7

Permit Number: X016696
Permit Expiration Date: 05/31/2022

Original Sale Date: 06/11/2019 (Sale #2, tract X11)
OTC Purchase End Date: 06/11/2020

NESW,NWSW,SENW of Section 20 - Township 51, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>70.00</td>
<td>Cd</td>
<td>22.80</td>
<td>1,596.00</td>
<td>22.80</td>
<td>1,596.00</td>
</tr>
<tr>
<td>+ NORTHERN</td>
<td>PULPWOOD</td>
<td>40.00</td>
<td>Cd</td>
<td>10.07</td>
<td>402.80</td>
<td>10.07</td>
<td>402.80</td>
</tr>
<tr>
<td>HARDWOODS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>18.05</td>
<td>270.75</td>
<td>18.05</td>
<td>270.75</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>5.70</td>
<td>57.00</td>
<td>5.70</td>
<td>57.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $2,326.55
ADVANCE PAYMENT = $348.98
BID TOTAL = $2,326.55

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

| ANY LISTED SPECIES | BIOMASS | 64.00 | Tons | 0.95 | 0.00 |

Mixed Species Description:
Northern Hardwoods Pulpwood includes: Ash 25%; Basswood 13%; Red Maple 50%; Sugar Maple 12%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
From Jacobson take state hwy 65 south 4 miles, then east on Loon ave. 6.25 miles to hedbom forest rd. Stay on hedbom for another 4.5 miles, then south down access trail a little over 2 miles to sale.

Sale has pockets of blowdown scattered throughout.
The gap harvest areas are situated around mostly standing timber.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Gene Geordan Grell

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
X016697  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 12.5

Permit Number: X016697  Permit Expiration Date: 05/31/2022
Original Sale Date: 06/11/2019 (Sale #2, tract X12)  OTC Purchase End Date: 06/11/2020

SESW,SWSE of Section 30; SESW,SWSE of Section 31 - Township 51, Range 24W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>275.00</td>
<td>Cd</td>
<td>11.80</td>
<td>3,245.00</td>
<td>11.80</td>
<td>3,245.00</td>
</tr>
<tr>
<td>+ SILVER MAPLE</td>
<td>PULP &amp; BOLTS</td>
<td>30.00</td>
<td>Cd</td>
<td>16.00</td>
<td>480.00</td>
<td>16.00</td>
<td>480.00</td>
</tr>
<tr>
<td>BUR OAK</td>
<td>PULP &amp; BOLTS</td>
<td>10.00</td>
<td>Cd</td>
<td>22.00</td>
<td>220.00</td>
<td>22.00</td>
<td>220.00</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 3,945.00
ADVANCE PAYMENT = $ 591.75
BID TOTAL = $ 3,945.00

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

ANY LISTED SPECIES  BIOMASS  185.00  Tons  1.00  0.00

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.
Bur Oak Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.
Silver Maple Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.

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

Sale Conditions:
- Access is across private land.
- Permission to cross private land must be obtained by permittee.
- An on-site meeting with the State must occur prior to sale operations.

Marketing Conditions:
Sale is located approximately 5 miles southwest of Pokegama Creek Forest Road. 3 miles west of the River Road.
River separates south two stands and there are two separate accesses, both of which would cross private land.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Josiah Michael Emerson

(Appraisal ID 14701-0; Cutting Block ID 17175-0)
X016698 COUNTY: AITKIN

Permit Number: X016698
Permit Expiration Date: 05/31/2022

Original Sale Date: 06/11/2019 (Sale #2, tract X13)
OTC Purchase End Date: 06/11/2020

NESW,NWSW,SENW,SESW,SWNW,SWSE,SWSW of Section 11 - Township 51, Range 25W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ TAMARACK</td>
<td>PULPWOOD</td>
<td>545.00</td>
<td>Cd</td>
<td>6.00</td>
<td>3,270.00</td>
<td>6.00</td>
<td>3,270.00</td>
</tr>
<tr>
<td>+ BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>17.00</td>
<td>510.00</td>
<td>17.00</td>
<td>510.00</td>
</tr>
</tbody>
</table>

APPRaised Total = $ 3,780.00
Advance Payment = $ 567.00
BID Total = $ 3,780.00

Optional Timber (may be purchased with an Added Timber Agreement):
- ANY LISTED SPECIES BIOMASS 153.00 Tons 1.00 0.00

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
From Hill City go south on state hwy 169 3 miles, then head east on 640th Ln/moose willow rd for another 5 miles. At the T in the rd go east for 1.75 miles then south 1.5 to 2 miles. Sale is on the east side of trail.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Gene Geordan Grell

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
UNsold Timber Sales - Data as of 07/25/2019

**Permit Number:** X016699  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 06/11/2019 (Sale #2, tract X14)  
**OTC Purchase End Date:** 06/11/2020

Sesw of Section 34 - Township 52, Range 26W.  
Gl02,Gl03,NeSe,NeWSe,SeNe,SwNe of Section 3 - Township 51, Range 26W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>335.00</td>
<td>Cd</td>
<td>17.00</td>
<td>5,695.00</td>
<td>17.00</td>
<td>5,695.00</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>95.00</td>
<td>Cd</td>
<td>6.00</td>
<td>570.00</td>
<td>6.00</td>
<td>570.00</td>
</tr>
</tbody>
</table>

**Appraised Total =** $6,265.00  
**Advance Payment =** $939.75  
**BID Total =** $6,265.00

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>MISCELLANEOUS</td>
<td>80.00</td>
<td>Cd</td>
<td>6.00</td>
<td>0.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>MISCELLANEOUS</td>
<td>70.00</td>
<td>Cd</td>
<td>17.00</td>
<td>0.00</td>
</tr>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>273.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
From Hill City head south on state hwy 169 4 miles to the northwoods atv trail, then go northwest on trail for 3/4 of a mile to sale.
For optional timber, head west from Hill City on hwy 200 1 mile, then go south on 368th Pl for 2.25 miles. Keep south on trail off the end of 368th Pl for another 1.2 miles to sale.

Optional timber will be sold at same bid up price if purchased.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Gene Geordan Grell

(Species Key: + BID Species, * Sold on Appraised Volume)
**X016701**  COUNTY: AITKIN  AREA: AITKIN AREA  ACRES: 7.9

Permit Number: X016701  Permit Expiration Date: 05/31/2022

Original Sale Date: 06/11/2019 (Sale #2, tract X16)  OTC Purchase End Date: 06/11/2020

NENW,NWNW of Section 16 - Township 52, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>BID PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>75.00</td>
<td>Cd</td>
<td>19.70</td>
<td>1,477.50</td>
<td>19.70</td>
<td>1,477.50</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>55.00</td>
<td>Cd</td>
<td>8.40</td>
<td>462.00</td>
<td>8.40</td>
<td>462.00</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>12.00</td>
<td>120.00</td>
<td>12.00</td>
<td>120.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>7.00</td>
<td>35.00</td>
<td>7.00</td>
<td>35.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>11.00</td>
<td>55.00</td>
<td>11.00</td>
<td>55.00</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>6.00</td>
<td>30.00</td>
<td>6.00</td>
<td>30.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 2,179.50  ADVANCE PAYMENT = $ 326.93**

**BID TOTAL = $ 2,179.50**

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>72.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 10%; Trembling Aspen 90%. Maple Species Pulpwood includes: Red Maple 75%; Sugar Maple 25%.

Mixed Product Description:
Basswood Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

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:
From Jacobson go east on State Hwy 200 6 miles. Sale is located on the north side of the road.

Dry summer chance

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Gene Geordan Grell

(Appraisal ID 14385-0; Cutting Block ID 16812-0)
Permit Number: X016702
Permit Expiration Date: 05/31/2022

NWSW,SWNW of Section 11 - Township 52, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULPWOOD</td>
<td>55.00</td>
<td>Cd</td>
<td>6.65</td>
<td>365.75</td>
<td>6.65</td>
<td>365.75</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>3.00</td>
<td>Cd</td>
<td>16.29</td>
<td>48.87</td>
<td>16.29</td>
<td>48.87</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $414.62
ADVANCE PAYMENT = $62.19
BID TOTAL = $414.62

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

ANY LISTED SPECIES BIOMASS 30.90 Tons 1.00 0.00

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 95%; Trembling Aspen 5%.

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:
From Jacobson go east on state hwy 200 6 miles. Sale is north of hwy 200 about a 1/4 mile down access trail on the west side.

Ash stand has some top die back throughout stand.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Gene Geordan Grell

(Appraisal ID 14383-0; Cutting Block ID 16806-0)
**X016703**  
**COUNTY:** AITKIN  
**AREA:** AITKIN AREA  
**ACRES:** 36.0

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>500.00</td>
<td>Cd</td>
<td>5.70</td>
<td>2,850.00</td>
<td>5.70</td>
<td>2,850.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL** = $2,850.00  
**ADVANCE PAYMENT** = $427.50  
**BID TOTAL** = $2,850.00

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>140.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
From Hill City take state hwy 200 east 6.5 miles, then south 4.5 miles on the Washburn Lk Forest Rd. Then west 1/4 mile to the end of the access rd. Sale is located approximately 700 feet from end of existing rd.

Few scattered pockets of blowdown throughout sale.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Gene Geordan Grell

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

INTERMEDIATE AUCTION

X016570 COUNTY: ST. LOUIS AREA: HIBBING AREA ACRES: 33.1

Permit Number: X016570
Permit Expiration Date: 05/31/2022
Original Sale Date: 05/29/2019 (Sale #2, tract X3)
OTC Purchase End Date: 05/29/2020

NENE of Section 32; NWNW of Section 33; NWSW,SWSW of Section 28 - Township 56, Range 19W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>405.00</td>
<td>Cd</td>
<td>16.87</td>
<td>6,832.35</td>
<td>16.87</td>
<td>6,832.35</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULP &amp; BOLTS</td>
<td>20.00</td>
<td>Cd</td>
<td>14.45</td>
<td>289.00</td>
<td>14.45</td>
<td>289.00</td>
</tr>
<tr>
<td>NORTHERN</td>
<td>PULPWOOD</td>
<td>13.00</td>
<td>Cd</td>
<td>8.15</td>
<td>105.95</td>
<td>8.15</td>
<td>105.95</td>
</tr>
<tr>
<td>HARDWOODS</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>14.45</td>
<td>72.25</td>
<td>14.45</td>
<td>72.25</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULPWOOD</td>
<td>4.00</td>
<td>Cd</td>
<td>5.10</td>
<td>20.40</td>
<td>5.10</td>
<td>20.40</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $ 7,319.95
**ADVANCE PAYMENT =** $ 1,097.99
**BID TOTAL =** $ 7,319.95

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>333.00 Tons</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**
- Aspen Species Pulp & Bolts includes: Balm of Gilead 5%; Trembling Aspen 95%.
- Mixed Spruce Pulpwood includes: Black Spruce 60%; White Spruce 40%.
- Northern Hardwoods Pulpwood includes: Ash 39%; Paper Birch 46%; Red Maple 15%.

**Mixed Product Description:**
- Aspen Species Pulp & Bolts includes: Bolts 80%; Pulpwood 20%.
- Balsam Fir Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.
- Frozen ground access only.

**Marketing Conditions:**
- All state ownership painted sale boundaries are identified with both blue flagging and double blue paint. All interior painted sale boundaries are identified with single blue paint.
- Portions of the sale area consist of small diameter aspen species averaging 5-6" dbh.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Corey Mark Skerjance

(Appraisal ID 14616-0; Cutting Block ID 16982-0)
X016572  COUNTY: ST. LOUIS  AREA: HIBBING AREA  ACRES: 18.0

Permit Number: X016572  Permit Expiration Date: 05/31/2022

Original Sale Date: 05/29/2019  (Sale #2, tract X5)
OTC Purchase End Date: 05/29/2020

SWNE of Section 27, NENE, SENE of Section 22 - Township 57, Range 16W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ PINE SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>65.00</td>
<td>Cd</td>
<td>11.21</td>
<td>728.65</td>
<td>11.21</td>
<td>728.65</td>
</tr>
<tr>
<td>+ TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>55.00</td>
<td>Cd</td>
<td>12.00</td>
<td>660.00</td>
<td>12.00</td>
<td>660.00</td>
</tr>
<tr>
<td>+ WHITE SPRUCE</td>
<td>PULPWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>10.20</td>
<td>306.00</td>
<td>10.20</td>
<td>306.00</td>
</tr>
<tr>
<td></td>
<td>BALSAM FIR</td>
<td>12.00</td>
<td>Cd</td>
<td>8.40</td>
<td>100.80</td>
<td>8.40</td>
<td>100.80</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 1,795.45
ADVANCE PAYMENT = $ 269.32
BID TOTAL = $ 1,795.45

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>84.00 Tons</td>
<td>0.60</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Pine Species Pulp & Bolts includes: Jack Pine 35%; Norway Pine 65%.

Mixed Product Description:
Pine Species Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.

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

Sale Conditions:
- Access is across county land.
- Permission to cross county land must be obtained by permittee.

Marketing Conditions:
First entry thinning in 36 year old white spruce plantation. Site is adjacent to county road.

Second entry thinning in 40 year old pine plantation. Access is existing winter road. Potential early winter access across private.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Megan J. Eiting

(Appraisal ID 14627-0; Cutting Block ID 17090-0)

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
**INTERMEDIATE AUCTION**

**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**X016573**  **COUNTY: ST. LOUIS**  **AREA: HIBBING AREA**  **ACRES: 11.0**

Permit Number: X016573
Permit Expiration Date: 05/31/2022

GL06 of Section 18 - Township 58, Range 16W.

Original Sale Date: 05/29/2019 (Sale #2, tract X6)
OTC Purchase End Date: 05/29/2020

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TREMBLING ASPEN PULPWOOD</td>
<td>85.00   Cd</td>
<td>16.00</td>
<td>1,360.00</td>
<td>16.00</td>
<td>1,360.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BALSAM FIR PULPWOOD</td>
<td>40.00   Cd</td>
<td>11.20</td>
<td>448.00</td>
<td>11.20</td>
<td>448.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BLACK SPRUCE PULPWOOD</td>
<td>3.00    Cd</td>
<td>13.60</td>
<td>40.80</td>
<td>13.60</td>
<td>40.80</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 1,848.80**

**ADVANCE PAYMENT = $ 277.32**

**BID TOTAL = $ 1,848.80**

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>75.00</td>
<td>Tons</td>
<td>0.80</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Season of Operations:**

- Conduct sale operations on frozen, dry soil conditions only, except with written permission from State.
- Hauling during non-frozen conditions will require road improvements.

**Sale Conditions:**

- Access is across City of McKinley and/or private land.
- Permission to cross City of McKinley and/or private land must be obtained by permittee.

**Marketing Conditions:**

Aspen is approximately 40 years old.

Two options for access exist. Both require private landowner permission and minor road improvements for hauling during non-frozen conditions.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Megan J. Eiting

(Appraisal ID 14582-0; Cutting Block ID 16605-0)

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
X016574 COUNTY: ST. LOUIS AREA: HIBBING AREA ACRES: 5.0

Permit Number: X016574
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/29/2019 (Sale #2, tract X7)
OTC Purchase End Date: 05/29/2020

SWSE of Section 33 - Township 58, Range 18W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORWAY PINE</td>
<td>PULP &amp; BOLTS</td>
<td>70.00</td>
<td>Cd</td>
<td>30.60</td>
<td>2,142.00</td>
<td>30.60</td>
<td>2,142.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $2,142.00**

**ADVANCE PAYMENT = $321.30**

**BID TOTAL = $2,142.00**

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>29.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Product Description:
Norway Pine Pulp & Bolts includes: Bolts 80%; Pulpwood 20%.

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:
Second entry thinning of 50 year old Norway pine plantation.

Soil is a heavy loam and will require very dry summer/fall conditions to avoid compaction during sale operations.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Megan J. Eiting

(Appraisal ID 14619-0; Cutting Block ID 17084-0)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016575**
COUNTY: ST. LOUIS

AREA: HIBBING AREA

ACRES: 11.0

Permit Number: X016575
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/29/2019 (Sale #2, tract X8)
OTC Purchase End Date: 05/29/2020

GL03, GL04, SWNW of Section 3 - Township 59, Range 21W.

### APPRAISED

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>115.00</td>
<td>Cd</td>
<td>7.02</td>
<td>807.30</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>5.00</td>
<td>Cd</td>
<td>15.98</td>
<td>79.90</td>
</tr>
</tbody>
</table>

**BID**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>115.00</td>
<td>Cd</td>
<td>7.02</td>
<td>807.30</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>5.00</td>
<td>Cd</td>
<td>15.98</td>
<td>79.90</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 887.20**

**ADVANCE PAYMENT = $ 133.08**

**BID TOTAL = $ 887.20**

---

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

| ANY LISTED SPECIES | BIOMASS | 57.00 Tons | 1.00 | 0.00 |

---

**Mixed Species Description:**

Aspen Species Pulp & Bolts includes: Balm of Gilead 75%; Trembling Aspen 25%.

**Mixed Product Description:**

Ash Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Aspen Species Pulp & Bolts includes: Bolts 5%; Pulpwood 95%.

**Season of Operations:**

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

**Sale Conditions:**

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

**Marketing Conditions:**

Sale is located 2.25 miles down the Shannon River Forest Road then 0.75 miles of winter logging road off the forest road.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Andrew E. Carlson

(Appraisal ID 14827-0; Cutting Block ID 17311-0)
X016581  COUNTY: ST. LOUIS  AREA: HIBBING AREA  ACRES: 9.1

Permit Number: X016581  Permit Expiration Date: 05/31/2022  Original Sale Date: 05/29/2019 (Sale #2, tract X14)  OTC Purchase End Date: 05/29/2020

NWNW of Section 34 - Township 60, Range 21W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED</th>
<th>BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORTHERN HARDWOODS</td>
<td>PULP &amp; BOLTS</td>
<td>100.00</td>
<td>Cd</td>
<td>7.47</td>
<td>747.00</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>15.00</td>
<td>Cd</td>
<td>17.46</td>
<td>261.90</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL** = $1,008.90
**ADVANCE PAYMENT** = $151.34
**BID TOTAL** = $1,008.90

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

- ANY LISTED SPECIES  BIOMASS  65.00  Tons  1.00  0.00

Mixed Species Description:
- Aspen Species Pulp & Bolts includes: Balm of Gilead 20%; Trembling Aspen 80%.
- Northern Hardwoods Pulp & Bolts includes: Ash 90%; Red Maple 10%.

Mixed Product Description:
- Aspen Species Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
- Northern Hardwoods Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

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

Sale Conditions:
- Access is across State land.

Marketing Conditions:
- Stand is located off of the Shannon River Forest Road. Access is 0.3 miles of winter logging roads of the forest road.

Certification Note:
- The timber on this tract is SFI and FSC certified.

Appraiser:
- Andrew E. Carlson

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
X016582  COUNTY: ST. LOUIS  AREA: HIBBING AREA  ACRES: 11.9

Permit Number: X016582
Permit Expiration Date: 05/31/2022
Original Sale Date: 05/29/2019 (Sale #2, tract X15)
OTC Purchase End Date: 05/29/2020
NWNW of Section 11 - Township 60, Range 21W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>80.00</td>
<td>Cd</td>
<td>7.72</td>
<td>617.60</td>
<td>7.72</td>
<td>617.60</td>
<td></td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>14.92</td>
<td>969.80</td>
<td>14.92</td>
<td>969.80</td>
<td></td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>11.20</td>
<td>224.00</td>
<td>11.20</td>
<td>224.00</td>
<td></td>
</tr>
<tr>
<td>+ MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>20.00</td>
<td>Cd</td>
<td>18.88</td>
<td>377.60</td>
<td>18.88</td>
<td>377.60</td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 2,189.00**
**ADVANCE PAYMENT = $ 328.35**
**BID TOTAL = $ 2,189.00**

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

| ANY LISTED SPECIES | BIOMASS | 118.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 45%; Trembling Aspen 55%.
Mixed Spruce Pulp & Bolts includes: Black Spruce 35%; White Spruce 65%.
Northern Hardwoods Pulpwood includes: Ash 40%; Paper Birch 35%; Red Maple 25%.

Mixed Product Description:
Mixed Spruce Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.

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

Sale Conditions:
- Access is across State land.

Marketing Conditions:
Good access off of Dean Forest Road. Sale has some areas of minor blowdown.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Andrew E. Carlson

(Appraisal ID 14802-0; Cutting Block ID 17292-0)
X016584  COUNTY: ITASCA  AREA: HIBBING AREA  ACRES: 22.0

Permit Number: X016584  Permit Expiration Date: 05/31/2022  Original Sale Date: 05/29/2019 (Sale #2, tract X17)  OTC Purchase End Date: 05/29/2020

NENE, SENE, SWNE of Section 35 - Township 60, Range 23W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORTHERN</td>
<td>PULPWOOD</td>
<td>295.00</td>
<td>Cd</td>
<td>8.84</td>
<td>2,607.80</td>
<td>8.84</td>
<td>2,607.80</td>
</tr>
<tr>
<td>HARDWOODS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ TREMBLING ASPEN</td>
<td>PULP &amp; BOLTS</td>
<td>30.00</td>
<td>Cd</td>
<td>16.00</td>
<td>480.00</td>
<td>16.00</td>
<td>480.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>11.20</td>
<td>112.00</td>
<td>11.20</td>
<td>112.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $3,199.80  ADVANCE PAYMENT = $479.97  BID TOTAL = $3,199.80

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>189.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Northern Hardwoods Pulpwood includes: Ash 14%; Basswood 2%; Paper Birch 15%; Red Maple 68%; Sugar Maple 1%.

Mixed Product Description:
Trembling Aspen Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access across county, state and private land.

Sale Conditions:
- Permission to cross county and private land must be obtained by permittee.

Marketing Conditions:
Sale area is located 1.5 miles of existing logging road from State Hwy 65. 3/4 mile is winter logging road. Little Moose Trail is a designated ATV trail.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Jeff J. Sirjord

(Appraisal ID 14887-0; Cutting Block ID 11859-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

INTERMEDIATE AUCTION

PERMIT NUMBER: X016586

COUNTY: ST. LOUIS
AREA: HIBBING AREA
ACRES: 21.4

Permit Number: X016586
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/29/2019 (Sale #2, tract X19)
OTC Purchase End Date: 05/29/2020

SWNE of Section 21 - Township 61, Range 21W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>240.00</td>
<td>Cd</td>
<td>7.80</td>
<td>1,872.00</td>
<td>7.80</td>
<td>1,872.00</td>
</tr>
<tr>
<td>+ TREMBLING ASPEN</td>
<td>PULP &amp; BOLTS</td>
<td>170.00</td>
<td>Cd</td>
<td>20.00</td>
<td>3,400.00</td>
<td>20.00</td>
<td>3,400.00</td>
</tr>
<tr>
<td></td>
<td>BALSAM FIR</td>
<td>20.00</td>
<td>Cd</td>
<td>14.00</td>
<td>280.00</td>
<td>14.00</td>
<td>280.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 5,552.00
ADVANCE PAYMENT = $ 832.80
BID TOTAL = $ 5,552.00

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>228.00</td>
<td>Tons</td>
</tr>
</tbody>
</table>

1.75 miles of dry summer logging road and .25 miles of winter logging road to sale area off County Road #22.
Aspen contains 1% Balm of Gilead.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Jeff J. Sirjord

(Appraisal ID 14785-0; Cutting Block ID 17228-0)
X016590  COUNTY: ITASCA  AREA: HIBBING AREA  ACRES: 7.8

Permit Number: X016590  Permit Expiration Date: 05/31/2022

Original Sale Date: 05/29/2019 (Sale #2, tract X23)  OTC Purchase End Date: 05/29/2020

NWSE of Section 34 - Township 62, Range 23W.

Permit Number: X016590
Permit Expiration Date: 05/31/2022

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>110.00</td>
<td>Cd</td>
<td>8.58</td>
<td>943.80</td>
<td>8.58</td>
<td>943.80</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULP &amp; BOLTS</td>
<td>80.00</td>
<td>Cd</td>
<td>7.26</td>
<td>580.80</td>
<td>7.26</td>
<td>580.80</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULP &amp; BOLTS</td>
<td>10.00</td>
<td>Cd</td>
<td>22.00</td>
<td>220.00</td>
<td>22.00</td>
<td>220.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>18.70</td>
<td>93.50</td>
<td>18.70</td>
<td>93.50</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
<th>VOLUME</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>90.00</td>
<td>Tons</td>
<td>1.10</td>
</tr>
</tbody>
</table>

**Appraised Total =** $1,838.10

**Advance Payment =** $275.72

**Bid Total =** $1,838.10

**Mixed Product Description:**
Ash Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Tamarack Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Trembling Aspen Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access across Molpus and State land.

**Sale Conditions:**
- Permission to cross Molpus land must be obtained by permittee.

**Marketing Conditions:**
Aspen contains 2% Balm of gilead.
Harvest area is located 1/4 off State Hwy 1.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Jeff J. Sirjord

(Appraisal ID 14578-0; Cutting Block ID 16985-0)
UNSOLED TIMBER SALES - DATA AS OF 07/25/2019

X016303  COUNTY: ST. LOUIS  AREA: TOWER AREA  ACRES: 16.5

Permit Number: X016303  Permit Expiration Date: 05/31/2022
Original Sale Date: 12/04/2018 (Sale #2, tract X1)  OTC Purchase End Date: 12/04/2019

GL03 of Section 2 - Township 60, Range 19W.
SESW,SWSE of Section 35 - Township 61, Range 19W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>265.00</td>
<td>Cd</td>
<td>14.10</td>
<td>3,736.50</td>
<td>14.10</td>
<td>3,736.50</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>8.30</td>
<td>124.50</td>
<td>8.30</td>
<td>124.50</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>8.85</td>
<td>88.50</td>
<td>8.85</td>
<td>88.50</td>
</tr>
<tr>
<td>WHITE CEDAR</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>3.30</td>
<td>33.00</td>
<td>3.30</td>
<td>33.00</td>
</tr>
</tbody>
</table>

Appraiser: Terry R. Bergstrom

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

| ANY LISTED SPECIES | BIOMASS | 165.00 | 1.00 | 0.00 |

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:
Aspen 10"dbh, 6 stick avg. 19cds./acre, 1% Balm of Gilead. This sale is reduced 15% for reoffer, 10% road work and 10% due to the white cedar residual you have to work around.

Certification Note:
The timber on this tract is SFI and FSC certified.

(Appraisal ID 12502-0; Cutting Block ID 14606-0)
**X016311**  
**COUNTY: ST. LOUIS**  
**AREA: TOWER AREA**  
**ACRES: 40.4**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>BID SPECIES</th>
<th>UNIT</th>
<th>$ VALUE</th>
<th>BID</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>660.00</td>
<td>Cd</td>
<td>15.70</td>
<td>10,362.00</td>
<td>15.70</td>
<td>10,362.00</td>
<td></td>
</tr>
<tr>
<td>PINE SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>215.00</td>
<td>Cd</td>
<td>15.90</td>
<td>3,418.50</td>
<td>15.90</td>
<td>3,418.50</td>
<td></td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>170.00</td>
<td>Cd</td>
<td>8.60</td>
<td>1,462.00</td>
<td>8.60</td>
<td>1,462.00</td>
<td></td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULPWOOD</td>
<td>110.00</td>
<td>Cd</td>
<td>8.60</td>
<td>946.00</td>
<td>8.60</td>
<td>946.00</td>
<td></td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>7.10</td>
<td>248.50</td>
<td>7.10</td>
<td>248.50</td>
<td></td>
</tr>
</tbody>
</table>

**APPRaised TOTAL** = **$ 16,437.00**  
**ADVANCE PAYMENT** = **$ 2,465.55**  
**BID TOTAL** = **$ 16,437.00**

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

| ANY LISTED SPECIES | BIOMASS | 745.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Mixed Spruce Pulpwood includes: Black Spruce 70%; White Spruce 30%.  
Northern Hardwoods Pulpwood includes: Paper Birch 71%; Red Maple 29%.  
Pine Species Pulp & Bolts includes: Jack Pine 60%; Norway Pine 40%.

Mixed Product Description:
Pine Species Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.

Season of Operations:
- Conduct sale operations on frozen, dry soil conditions only, except with written permission from State.

Sale Conditions:
- Access is across State and Potlatch land.  
- Permission to cross private industry land must be obtained by permittee.

Marketing Conditions:
Aspen avg. dbh 8-12", 5 stick, Jack Pine 10" dbh 6 stick Prices were reduced 30% due to road construction and terrain and 15% due to reoffer. There is dry summer chance, a lot of roadwork would be needed to make it summer chance.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Terry R. Bergstrom

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

INTERMEDIATE AUCTION

X016651 COUNTY: ST. LOUIS AREA: TOWER AREA ACRES: 44.0

Permit Number: X016651 Permit Expiration Date: 05/31/2022
Original Sale Date: 06/05/2019 (Sale #2, tract X3) OTC Purchase End Date: 06/05/2020

NWSW of Section 13; NENW,NESE,NWNE of Section 14 - Township 60, Range 12W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>370.00</td>
<td>Cd</td>
<td>4.80</td>
<td>1,776.00</td>
<td>4.80</td>
<td>1,776.00</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>145.00</td>
<td>Cd</td>
<td>14.95</td>
<td>2,167.75</td>
<td>14.95</td>
<td>2,167.75</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>140.00</td>
<td>Cd</td>
<td>11.20</td>
<td>1,568.00</td>
<td>11.20</td>
<td>1,568.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>25.00</td>
<td>Cd</td>
<td>8.80</td>
<td>220.00</td>
<td>8.80</td>
<td>220.00</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>25.00</td>
<td>Cd</td>
<td>16.00</td>
<td>400.00</td>
<td>16.00</td>
<td>400.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 6,131.75
ADVANCE PAYMENT = $ 919.76
BID TOTAL = $ 6,131.75

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>400.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Mixed Spruce Pulp & Bolts includes: Black Spruce 95%; White Spruce 5%.

Mixed Product Description:
Mixed Spruce Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.

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

Sale Conditions:
- Access is across USFS and State land.
- Permit to cross USFS land has been obtained by the State. USFS hauling permit must be obtained by permittee.

Marketing Conditions:
(N/A)

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Krista M. Starn

(Appraisal ID 9884-0; Cutting Block ID 11683-0)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016653**

**COUNTY: ST. LOUIS**

**AREA: TOWER AREA**

**ACRES: 29.5**

Permit Number: X016653
Permit Expiration Date: 05/31/2022

Original Sale Date: 06/05/2019 (Sale #2, tract X5)
OTC Purchase End Date: 06/05/2020

NESW,NWSE,SWNE,SWNW of Section 36 - Township 61, Range 19W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>‡ BLACK SPRUCE</td>
<td>WOODSRUN CORDWOOD</td>
<td>430.00</td>
<td>Cd</td>
<td>8.50</td>
<td>3,655.00</td>
<td>8.50</td>
<td>3,655.00</td>
</tr>
<tr>
<td>‡ TAMARACK</td>
<td>WOODSRUN CORDWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>3.00</td>
<td>105.00</td>
<td>3.00</td>
<td>105.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 3,760.00**

**ADVANCE PAYMENT = $ 564.00**

**BID TOTAL = $ 3,760.00**

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>335.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**SOAV Option:**

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

**Season of Operations:**

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

**Sale Conditions:**

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

**Marketing Conditions:**

BS avg. dbh 8" 4 stick. Prices were reduced 50% due to quality of wood, access, regen to knock down and reoffer.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Terry R. Bergstrom

(Appraisal ID 14200-0; Cutting Block ID 16530-0)
**X016659**  
**COUNTY: ST. LOUIS**  
**AREA: TOWER AREA**  
**ACRES: 16.4**

Permit Number: X016659  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 06/05/2019 (Sale #2, tract X11)  
OTC Purchase End Date: 06/05/2020

GL04,NWNW,SWNW of Section 32 - Township 64, Range 18W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PINE SPECIES</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>275.00</td>
<td>Cd</td>
<td>20.10</td>
<td>5,527.50</td>
<td>20.10</td>
<td>5,527.50</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>50.00</td>
<td>Cd</td>
<td>15.00</td>
<td>750.00</td>
<td>15.00</td>
<td>750.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>12.75</td>
<td>127.50</td>
<td>12.75</td>
<td>127.50</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>10.50</td>
<td>52.50</td>
<td>10.50</td>
<td>52.50</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>8.25</td>
<td>41.25</td>
<td>8.25</td>
<td>41.25</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 6,498.75**  
**ADVANCE PAYMENT = $ 974.81**  
**BID TOTAL = $ 6,498.75**

**Mixed Species Description:**
Pine Species Woodsrun Mixed Products includes: Jack Pine 2%; Norway Pine 71%; White Pine 27%.

**Mixed Product Description:**
Pine Species Woodsrun Mixed Products includes: Bolts 39%; Pulpwood 40%; Sawtimber (Softwood Only) 21%.

**Season of Operations:**
- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state or possible private land.
- Permission to cross private land must be obtained by permittee.

**Marketing Conditions:**
Prices reduced 25% for first entry thinning and the smaller pine you have to work around in the cutover unit.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Terry R. Bergstrom

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
INTERMEDIATE AUCTION

UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

X016660   COUNTY: ST. LOUIS   AREA: TOWER AREA   ACRES: 120.0

Permit Number: X016660
Permit Expiration Date: 05/31/2023

SESE,SWSE of Section 24; NENW,NESW,NWNE,NWSW,SWNW of Section 25 - Township 64, Range 19W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED PRICE</th>
<th>BID PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORWAY PINE</td>
<td>SAWTIMBER (SOFTWOOD ONLY)</td>
<td>40.00</td>
<td>MBF</td>
<td>51.00</td>
<td>51.00</td>
</tr>
<tr>
<td>+ TREMLING ASPEN</td>
<td>PULPWOOD</td>
<td>1,270.00</td>
<td>Cd</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>+ NORTHERN</td>
<td>PULPWOOD</td>
<td>220.00</td>
<td>Cd</td>
<td>5.64</td>
<td>5.64</td>
</tr>
<tr>
<td>+ MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>130.00</td>
<td>Cd</td>
<td>10.15</td>
<td>10.15</td>
</tr>
<tr>
<td></td>
<td>BALSAM FIR</td>
<td>75.00</td>
<td>Cd</td>
<td>7.00</td>
<td>7.00</td>
</tr>
<tr>
<td></td>
<td>JACK PINE</td>
<td>40.00</td>
<td>Cd</td>
<td>9.25</td>
<td>9.25</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Mixed Spruce Pulp & Bolts includes: Black Spruce 49%; White Spruce 51%.
Northern Hardwoods Pulpwood includes: Paper Birch 73%; Red Maple 27%.

Mixed Product Description:
Jack Pine Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.
Mixed Spruce Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

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

Sale Conditions:
- Access is across private or county, industry land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
Access is off Elbow River Road, across private and county lands. 2.5 miles of mainly winter roads. May also be accessed from winter road system on Susan Lake Road, 3 miles of wet winter road across county and Potlatch lands. Sale is adjacent to recently cut St. Louis County Hip to be Square sale.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Dana L. Frame

Appraised Total = $18,195.30
Advance Payment = $2,729.30
BID Total = $18,195.30

(Appraisal ID 4226-0; Cutting Block ID 4824-0)
X016663  COUNTY: ST. LOUIS  AREA: TOWER AREA  ACRES: 23.3

Permit Number: X016663
Permit Expiration Date: 05/31/2022

GL01, GL02 of Section 3 - Township 67, Range 19W.
SWSE of Section 35 - Township 68, Range 19W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>150.00</td>
<td>Cd</td>
<td>15.88</td>
<td>2,382.00</td>
</tr>
<tr>
<td>NORWAY PINE</td>
<td>WOODSRUN SAWTIMBER (SOFTWOOD ONLY)</td>
<td>150.00</td>
<td>Cd</td>
<td>40.80</td>
<td>6,120.00</td>
</tr>
<tr>
<td>WHITE PINE</td>
<td>WOODSRUN SAWTIMBER (SOFTWOOD ONLY)</td>
<td>130.00</td>
<td>Cd</td>
<td>34.80</td>
<td>4,524.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>75.00</td>
<td>Cd</td>
<td>11.20</td>
<td>840.00</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>8.62</td>
<td>301.70</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>13.60</td>
<td>136.00</td>
</tr>
</tbody>
</table>

**APPRaised TOTAL = $ 14,303.70**
**ADVANCE PAYMENT = $ 2,145.56**
**BID TOTAL = $ 14,303.70**

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>150.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 5%; Trembling Aspen 95%.
Mixed Spruce Pulpwood includes: Black Spruce 50%; White Spruce 50%.
Northern Hardwoods Pulpwood includes: Ash 8%; Paper Birch 83%; Red Maple 9%.

Mixed Product Description:
Norway Pine Woodsrun Sawtimber (Softwood only) includes: Bolts 25%; Pulpwood 25%; Sawtimber (Softwood Only) 50%.
White Pine Woodsrun Sawtimber (Softwood only) includes: Bolts 25%; Pulpwood 25%; Sawtimber (Softwood Only) 50%.

Season of Operations:
- Conduct all sale operations on dry or frozen soil conditions only, except with written permission from State.

Sale Conditions:
- Access is across state and industry land.
- Permission to cross industry land must be obtained by permittee.

Marketing Conditions:
Sale is located 12 miles down the Sheep Ranch. Sale units can be harvested during summer months with dry conditions.
Access to the northern red pine unit is limited to frozen conditions due to the stream crossing, unless road improvements are made.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Timothy D. St Aubin

(Appraisal ID 14416-0; Cutting Block ID 16858-0)
Permit Number: X016664  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 06/05/2019 (Sale #2, tract X16)  
OTC Purchase End Date: 06/05/2020

NWSW, SENW, SSWW, SWSW of Section 16; NENE, SESE, NWSE, SENE, SENW, SWNE of Section 20; NWNW of Section 21 - Township 67, Range 20W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>600.00</td>
<td>Cd</td>
<td>20.75</td>
<td>12,450.00</td>
<td>20.75</td>
<td>12,450.00</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>560.00</td>
<td>Cd</td>
<td>22.47</td>
<td>12,583.20</td>
<td>22.47</td>
<td>12,583.20</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>440.00</td>
<td>Cd</td>
<td>8.58</td>
<td>3,775.20</td>
<td>8.58</td>
<td>3,775.20</td>
</tr>
<tr>
<td>PINE SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>215.00</td>
<td>Cd</td>
<td>20.03</td>
<td>4,306.45</td>
<td>20.03</td>
<td>4,306.45</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>155.00</td>
<td>Cd</td>
<td>14.70</td>
<td>2,278.50</td>
<td>14.70</td>
<td>2,278.50</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>18.00</td>
<td>Cd</td>
<td>6.30</td>
<td>113.40</td>
<td>6.30</td>
<td>113.40</td>
</tr>
</tbody>
</table>

APPRaised Total = $ 35,506.75  
Advance Payment = $ 5,326.01  
Bid Total = $ 35,506.75

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

| ANY LISTED SPECIES | BIOMASS | 1,025.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 8%; Trembling Aspen 92%.
Mixed Spruce Pulp & Bolts includes: Black Spruce 4%; White Spruce 96%.
Northern Hardwoods Pulpwood includes: Ash 75%; Paper Birch 8%; Red Maple 17%.
Pine Species Pulp & Bolts includes: Jack Pine 21%; Norway Pine 77%; White Pine 2%.

Mixed Product Description:
Mixed Spruce Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.
Pine Species Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.

Season of Operations:
- Conduct sale operations on dry / frozen soil conditions only, except with written permission from State.
- Frozen ground access across industry land.

Sale Conditions:
- Access is across state and industry land.
- Permission to cross industry land must be obtained by permittee.

Marketing Conditions:
Stands 084 & 088, White spruce final harvest: pile slash on landings, reserve aspen of 18" DBH and larger.
Stand 139, White spruce thinning: cut 15' strips, leaving 45' between cut strips. Reach into leave strips and thin to 90 sq. ft. basal area, currently stand is at 145 sq. ft. BA. May cut up to 5 cords of white pine pulp from this stand. Lop & scatter slash.
Stands 138, 142, & 144, Norway pine thinning, second entry: cut 15' strip from middle of existing 45' strips, thin remaining trees to 90 sq. ft. basal area, currently stands are 113 to 144 sq. ft. BA. Lop & scatter slash.
Stands 101 & 134, Black ash clear cut: Lop & scatter slash. Reserve cedar, white pine, elm and large aspen (18"+ DBH)
Stand 194, Aspen clear cut with small pine inclusion: thin pine to 90 sq. ft. basal area. Lop & scatter slash. Reserve cedar &

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
white pine.

Pine thinning and part of spruce thinning may be dry summer accessible. All other stands are only winter accessible.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Edward A. Schoon

(Appraisal ID 14860-0; Cutting Block ID 17331-0)
### Unsold Timber Sales - Data as of 07/25/2019

#### X016665

**COUNTY:** ST. LOUIS  
**AREA:** TOWER AREA  
**ACRES:** 131.9

- **Permit Number:** X016665  
- **Permit Expiration Date:** 05/31/2022  
- **Original Sale Date:** 06/05/2019 (Sale #2, tract X17)  
- **OTC Purchase End Date:** 06/05/2020

**SENW, SWNW of Section 14; NENE, NESE, NESW, NWNE, NWSE, SENE, SENW, SWNE, SWNW of Section 15 - Township 67, Range 21W.**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>694.00</td>
<td>Cd</td>
<td>19.82</td>
<td>13,755.08</td>
<td>19.82</td>
<td>13,755.08</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULPWOOD</td>
<td>413.00</td>
<td>Cd</td>
<td>14.87</td>
<td>6,141.31</td>
<td>14.87</td>
<td>6,141.31</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>283.00</td>
<td>Cd</td>
<td>6.00</td>
<td>1,698.00</td>
<td>6.00</td>
<td>1,698.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>218.00</td>
<td>Cd</td>
<td>14.00</td>
<td>3,052.00</td>
<td>14.00</td>
<td>3,052.00</td>
</tr>
<tr>
<td>PINE SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>205.00</td>
<td>Cd</td>
<td>12.78</td>
<td>2,619.90</td>
<td>12.78</td>
<td>2,619.90</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>103.00</td>
<td>Cd</td>
<td>9.86</td>
<td>1,015.58</td>
<td>9.86</td>
<td>1,015.58</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 28,281.87**  
**ADVANCE PAYMENT = $ 4,242.28**  
**BID TOTAL = $ 28,281.87**

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

| ANY LISTED SPECIES | BIOMASS | 930.00 | Tons | 1.00 | 0.00 |

**Mixed Species Description:**

- Aspen Species Pulpwood includes: Balm of Gilead 6%; Trembling Aspen 94%.
- Mixed Spruce Pulpwood includes: Black Spruce 47%; White Spruce 53%.
- Northern Hardwoods Pulpwood includes: Ash 39%; Paper Birch 19%; Red Maple 42%.
- Pine Species Pulp & Bolts includes: Jack Pine 2%; Norway Pine 98%.

**Mixed Product Description:**

- Pine Species Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.

**Season of Operations:**

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

**Sale Conditions:**

- Access is across state & industry land.
- Permission to cross industry land must be obtained by permittee.

**Marketing Conditions:**

- Stands 066 & 067: black spruce/tamarack clearcut and only winter accessible. Reserve cedar.
- Stand 081: white spruce thinning, cut 15’ strip every 45’, reach into leave strips and thin to 90 sq ft basal area. Stand is currently 145 sq ft basal area. Reserve cedar. Discounted 25% for first entry thinning.
- Stands 347 & 092: Norway pine thinning, cut 15’ strip every 45’, reach into leave strips and thin to 90 sq ft basal area. Stand is currently 163 to 177 sq ft basal area. Discounted 25% for first entry thinning.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

(SPECIES KEY: * BID SPECIES, * SOLD ON APPRAISED VOLUME)
## UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

### INTERMEDIATE AUCTION

**Permit Number:** X016713  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 06/11/2019 (Sale #2, tract X28)  
**OTC Purchase End Date:** 06/11/2020

NESE of Section 17; NWNW of Section 15; GL02,NENE,NENW,NESW,NWNW,NWSW,SENW,SWNW,SWSW of Section 16 - Township 64, Range 18W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED UNIT PRICE</th>
<th>APPRAISED $ VALUE</th>
<th>BID UNIT PRICE</th>
<th>BID $ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>1,430.00</td>
<td>Cd</td>
<td>17.00</td>
<td>24,310.00</td>
<td>17.00</td>
<td>24,310.00</td>
</tr>
<tr>
<td>+ MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>410.00</td>
<td>Cd</td>
<td>17.90</td>
<td>7,339.00</td>
<td>17.90</td>
<td>7,339.00</td>
</tr>
<tr>
<td>+ JACK PINE</td>
<td>PULP &amp; BOLTS</td>
<td>290.00</td>
<td>Cd</td>
<td>15.70</td>
<td>4,553.00</td>
<td>15.70</td>
<td>4,553.00</td>
</tr>
<tr>
<td>+ NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>220.00</td>
<td>Cd</td>
<td>10.20</td>
<td>2,244.00</td>
<td>10.20</td>
<td>2,244.00</td>
</tr>
<tr>
<td>- PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>85.00</td>
<td>Cd</td>
<td>9.35</td>
<td>794.75</td>
<td>9.35</td>
<td>794.75</td>
</tr>
<tr>
<td>+ NORWAY PINE</td>
<td>SAWTIMBER (SOFTWOOD ONLY)</td>
<td>55.00</td>
<td>Cd</td>
<td>43.35</td>
<td>2,384.25</td>
<td>43.35</td>
<td>2,384.25</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>28.00</td>
<td>Cd</td>
<td>5.95</td>
<td>166.60</td>
<td>5.95</td>
<td>166.60</td>
</tr>
</tbody>
</table>

**Appraised Total = $41,791.60**  
**Advance Payment = $6,268.74**  
**Bid Total = $41,791.60**

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>BIOMASS</th>
<th>VOLUME</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>1,240.00</td>
<td>Tons</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**

- Aspen Species Pulpwood includes: Largetooth Aspen 20%; Trembling Aspen 80%.
- Mixed Spruce Pulp & Bolts includes: Black Spruce 73%; White Spruce 27%.
- Northern Hardwoods Pulpwood includes: Red Maple 99%; Sugar Maple 1%.

**Mixed Product Description:**

- Jack Pine Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.
- Mixed Spruce Pulp & Bolts includes: Bolts 37%; Pulpwood 63%.

**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:**

- Sale can be accessed through the Elbow Lake Forest Rd. and then proceeding down the South Ban Lake Spur Rd., continuing on the Arrowhead State Trail.
- Sale has summer access to both units. Within the sale about 75% could be harvested during a dry season.

Appraised by Andrew Broz and Andrew Erickson.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Andrew J. Erickson
**X016714**  
**COUNTY: ST. LOUIS**  
**AREA: TOWER AREA**  
**ACRES: 30.0**

Permit Number: X016714  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 06/11/2019 (Sale #2, tract X29)  
OTC Purchase End Date: 06/11/2020  
NENW,NWNE,SENW of Section 35 - Township 65, Range 21W.

### Unsold Timber Sales - Data as of 07/25/2019

**Appraised**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULPWOOD</td>
<td>320.00</td>
<td>Cd</td>
<td>5.60</td>
<td>1,792.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>11.20</td>
<td>56.00</td>
</tr>
</tbody>
</table>

**Appraised Total =** $1,848.00

**Advance Payment =** $277.20

**Bid Total =** $1,848.00

### Season of Operations:

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

### Sale Conditions:

- Access is across State land.

### Marketing Conditions:

Ash thinning. 50% basal area reduction to approximately 50sqft.

Price adjusted (-20%) off base for reserve trees to work around and low production.

### Certification Note:

The timber on this tract is SFI and FSC certified.

### Appraiser:

David T. Sopoci

(Appraisal ID 14552-0; Cutting Block ID 17004-0)

(Species Key: + Bid Species, * Sold on Appraised Volume)
**INTERMEDIATE AUCTION**

**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

<table>
<thead>
<tr>
<th>X016716</th>
<th>COUNTY: ST. LOUIS</th>
<th>AREA: TOWER AREA</th>
<th>ACRES: 60.9</th>
</tr>
</thead>
</table>

Permit Number: X016716
Permit Expiration Date: 05/31/2022
Original Sale Date: 06/11/2019 (Sale #2, tract X31)
OTC Purchase End Date: 06/11/2020

SESW, SWSW of Section 23; NENE, NE NW, NWNE, SENW of Section 27; SE, SE of Section 22 - Township 66, Range 19W.

### APPRAISED vs BID

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>300.00</td>
<td>Cd</td>
<td>18.00</td>
<td>5,400.00</td>
<td>18.00</td>
<td>5,400.00</td>
<td></td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>260.00</td>
<td>Cd</td>
<td>9.90</td>
<td>2,574.00</td>
<td>9.90</td>
<td>2,574.00</td>
<td></td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>105.00</td>
<td>Cd</td>
<td>12.60</td>
<td>1,323.00</td>
<td>12.60</td>
<td>1,323.00</td>
<td></td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULPWOOD</td>
<td>84.00</td>
<td>Cd</td>
<td>15.30</td>
<td>1,285.20</td>
<td>15.30</td>
<td>1,285.20</td>
<td></td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>60.00</td>
<td>Cd</td>
<td>10.80</td>
<td>648.00</td>
<td>10.80</td>
<td>648.00</td>
<td></td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>56.00</td>
<td>Cd</td>
<td>6.30</td>
<td>352.80</td>
<td>6.30</td>
<td>352.80</td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 11,583.00**

**ADVANCE PAYMENT = $ 1,737.45**

**BID TOTAL = $ 11,583.00**

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

| ANY LISTED SPECIES | BIOMASS | 475.00 | Tons | 1.00 | 0.00 |

**Mixed Species Description:**
- Aspen Species Pulpwood includes: Largetooth Aspen 12%; Trembling Aspen 88%.
- Mixed Spruce Pulpwood includes: Black Spruce 51%; White Spruce 49%.

**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:**
- Sale is located off of County Road 180 with access off the snowmobile trail.

**Certification Note:**
- The timber on this tract is SFI and FSC certified.

**Appraiser:**
Cassandra DeMillo

(Appraisal ID 14893-0; Cutting Block ID 17361-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

X016481  COUNTY: CARLTON  AREA: CLOQUET AREA  ACRES: 33.4

Permit Number: X016481  Permit Expiration Date: 05/31/2022
Original Sale Date: 05/09/2019 (Sale #2, tract X2)  OTC Purchase End Date: 05/09/2020

NWNW,NWSW,SWNW of Section 19 - Township 48, Range 15W.
NENE,NESE of Section 24 - Township 48, Range 16W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>95.00</td>
<td>Cd</td>
<td>15.95</td>
<td>1,515.25</td>
<td>15.95</td>
<td>1,515.25</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>95.00</td>
<td>Cd</td>
<td>9.60</td>
<td>912.00</td>
<td>9.60</td>
<td>912.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>50.00</td>
<td>Cd</td>
<td>9.88</td>
<td>494.00</td>
<td>9.88</td>
<td>494.00</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>35.00</td>
<td>Cd</td>
<td>8.12</td>
<td>284.20</td>
<td>8.12</td>
<td>284.20</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>11.20</td>
<td>112.00</td>
<td>11.20</td>
<td>112.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 3,317.45
ADVANCE PAYMENT = $ 497.62
BID TOTAL = $ 3,317.45

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>156.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 2%; Trembling Aspen 98%.
Maple Species Pulpwood includes: Red Maple 33%; Sugar Maple 67%.

Mixed Product Description:
Basswood Pulp & Bolts includes: Bolts 45%; Pulpwood 55%.
Paper Birch Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.

Season of Operations:
- With written permission, very dry summer harvest is possible. Non-frozen ground harvest will require an onsite meeting
  with permittee and TSA prior to signed consent being given.

Sale Conditions:
- Access is across private land.
- Permission to cross private land must be obtained by permittee.
- Initial contacts have been made with private landowner. Contact TSA for details.

Marketing Conditions:
Electronic maps available upon request.

Price Adjustments:
Road Construction -10% due to small blocks separated by private access and steep terrain
Operation Constraints -10% due small blocks and patch harvests separated by deep drainages

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Craig David Ferguson

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
### Web-Format Template

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUGAR MAPLE</td>
<td>PULP &amp; BOLTS</td>
<td>180.00</td>
<td>Cd</td>
<td>10.50</td>
<td>1,890.00</td>
<td>10.50</td>
<td>1,890.00</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>45.00</td>
<td>Cd</td>
<td>6.82</td>
<td>306.90</td>
<td>6.82</td>
<td>306.90</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>45.00</td>
<td>Cd</td>
<td>11.29</td>
<td>508.05</td>
<td>11.29</td>
<td>508.05</td>
</tr>
<tr>
<td>RED OAK</td>
<td>PULP &amp; BOLTS</td>
<td>40.00</td>
<td>Cd</td>
<td>16.50</td>
<td>660.00</td>
<td>16.50</td>
<td>660.00</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>15.00</td>
<td>225.00</td>
<td>15.00</td>
<td>225.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 3,589.95**

**ADVANCE PAYMENT = $ 538.49**

**BID TOTAL = $ 3,589.95**

---

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

| ANY LISTED SPECIES | BIOMASS | 245.00 | Tons | 1.00 | 0.00 |

---

### Mixed Species Description:

Aspen Species Pulpwood includes: Largetooth Aspen 15%; Trembling Aspen 85%.

### Mixed Product Description:

- **Basswood Pulp & Bolts** includes: Bolts 30%; Pulpwood 70%.
- **Paper Birch Pulp & Bolts** includes: Bolts 45%; Pulpwood 55%.
- **Red Oak Pulp & Bolts** includes: Bolts 60%; Pulpwood 40%.
- **Sugar Maple Pulp & Bolts** includes: Bolts 25%; Pulpwood 75%.

### Season of Operations:

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

### Sale Conditions:

- Access is across a State easement road through Fond du Lac and State land. Best access is from the north on an existing logging road through Fond du Lac land.
- Permission to cross from the north through Fond du Lac land must be obtained by permittee.

### Marketing Conditions:

At time of sale preparation, FDL was agreeable to allow access from the north. Please contact to verify: FDL Forestry 218-878-7116

Road from the south is steep &/or winding at some locations.

Digital map or GPS shapefile of the sale is available upon request.

### Certification Note:

The timber on this tract is SFI and FSC certified.

### Appraiser:

Joshua C. Muchow

(Appraisal ID 14571-0; Cutting Block ID 17007-0)
X016484 COUNTY: ST. LOUIS AREA: CLOQUET AREA ACRES: 49.3

Permit Number: X016484
Permit Expiration Date: 05/31/2023
Original Sale Date: 05/09/2019 (Sale #2, tract X5)
OTC Purchase End Date: 05/09/2020

SESW,SWSW of Section 16; SWSW of Section 15; NENW,NWNW of Section 22 - Township 51, Range 19W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULP &amp; BOLTS</td>
<td>950.00</td>
<td>Cd</td>
<td>16.57</td>
<td>15,741.50</td>
<td>16.57</td>
<td>15,741.50</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>260.00</td>
<td>Cd</td>
<td>10.20</td>
<td>2,652.00</td>
<td>10.20</td>
<td>2,652.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>180.00</td>
<td>Cd</td>
<td>15.76</td>
<td>2,836.80</td>
<td>15.76</td>
<td>2,836.80</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULP &amp; BOLTS</td>
<td>80.00</td>
<td>Cd</td>
<td>6.17</td>
<td>493.60</td>
<td>6.17</td>
<td>493.60</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>5.95</td>
<td>178.50</td>
<td>5.95</td>
<td>178.50</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>5.95</td>
<td>89.25</td>
<td>5.95</td>
<td>89.25</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>11.90</td>
<td>59.50</td>
<td>11.90</td>
<td>59.50</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 22,051.15
ADVANCE PAYMENT = $ 3,307.67
BID TOTAL = $ 22,051.15

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>790.00</td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td>0.00</td>
</tr>
</tbody>
</table>

Mixed Species Description:
Aspen Species Pulp & Bolts includes: Balm of Gilead 17%; Trembling Aspen 83%.
Maple Species Pulpwood includes: Red Maple 81%; Sugar Maple 19%.

Mixed Product Description:
Aspen Species Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.
Black Spruce Pulp & Bolts includes: Bolts 14%; Pulpwood 86%.
Tamarack Pulp & Bolts includes: Bolts 21%; Pulpwood 79%.

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

Sale Conditions:
- Access is across State and county land.
- A St. Louis County access agreement has been applied for and will become part of the terms of this sale.

Marketing Conditions:
Sale is located 7 miles northwest of Brookston and 2 miles south of Cty Rd 8. Sale can be accessed from the Battery St. Louis County Management Road off the Eklund road or by roading in or following the snowmobile trail south of Cty Rd 8.

This permit includes ash as a harvest species; and, at the time of purchase, is NOT within the Ash Quarantine Area.

An Avenza PDF map of the permit area is available upon request for use as a general reference.

Appraiser: Wes Habedank 476-7022

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Wesley J. Habedank

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
**X016485**  COUNTY: ST. LOUIS  AREA: CLOQUET AREA  ACRES: 34.0

- Permit Number: X016485
- Permit Expiration Date: 05/31/2022
- Original Sale Date: 05/09/2019 (Sale #2, tract X6)
- OTC Purchase End Date: 05/09/2020

**NESE,SESE of Section 36 - Township 52, Range 17W.**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>255.00</td>
<td>Cd</td>
<td>20.00</td>
<td>5,100.00</td>
<td>20.00</td>
<td>5,100.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>150.00</td>
<td>Cd</td>
<td>14.00</td>
<td>2,100.00</td>
<td>14.00</td>
<td>2,100.00</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>100.00</td>
<td>Cd</td>
<td>24.70</td>
<td>2,470.00</td>
<td>24.70</td>
<td>2,470.00</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>PULPWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>12.00</td>
<td>780.00</td>
<td>12.00</td>
<td>780.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>40.00</td>
<td>Cd</td>
<td>9.00</td>
<td>360.00</td>
<td>9.00</td>
<td>360.00</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULP &amp; BOLTS</td>
<td>10.00</td>
<td>Cd</td>
<td>7.20</td>
<td>72.00</td>
<td>7.20</td>
<td>72.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 10,882.00**  
**ADVANCE PAYMENT = $ 1,632.30**  
**BID TOTAL = $ 10,882.00**

**Mixed Species Description:**
- Maple Species Pulpwood includes: Red Maple 90%; Sugar Maple 10%.
- Mixed Spruce Pulp & Bolts includes: Black Spruce 35%; White Spruce 65%.

**Mixed Product Description:**
- Mixed Spruce Pulp & Bolts includes: Bolts 70%; Pulpwood 30%.
- Tamarack Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across State DOT land.
- Permission to cross State DOT land must be obtained by permittee.

**Marketing Conditions:**
- Aspen Averages about 4.5 sticks and 12” dbh and contains less than 1% BOG.
- This Timber Sale is in the Ash Quarantine area.
- Appraiser James Kelley 218-723-4791 ext 223

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
James G. Kelley

(Appraisal ID 14470-0; Cutting Block ID 16906-0)
X016489  COUNTY: ST. LOUIS  AREA: CLOQUET AREA  ACRES: 27.0

Permit Number: X016489
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/09/2019 (Sale #2, tract X10)
OTC Purchase End Date: 05/09/2020

NESW,NWNE,NWSW,SWNW of Section 36 - Township 55, Range 16W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>475.00</td>
<td>Cd</td>
<td>18.00</td>
<td>8,550.00</td>
<td>18.00</td>
<td>8,550.00</td>
</tr>
<tr>
<td>MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>55.00</td>
<td>Cd</td>
<td>21.24</td>
<td>1,168.20</td>
<td>21.24</td>
<td>1,168.20</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>12.60</td>
<td>378.00</td>
<td>12.60</td>
<td>378.00</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>10.80</td>
<td>108.00</td>
<td>10.80</td>
<td>108.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 10,204.20**

**ADVANCE PAYMENT = $ 1,530.63**

**BID TOTAL = $ 10,204.20**

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>335.00</td>
<td>1.00</td>
</tr>
<tr>
<td>0.00</td>
<td></td>
</tr>
</tbody>
</table>

Mixed Species Description:
Mixed Spruce Pulp & Bolts includes: Black Spruce 50%; White Spruce 50%.

Mixed Product Description:
Mixed Spruce Pulp & Bolts includes: Bolts 60%; Pulpwood 40%.

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

Sale Conditions:
- Access is across state and county land.

Marketing Conditions:
Frozen soil operations only.
Appraiser James G.Kelley Phone # 218-723-4791 ext 223

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
James G. Kelley

(Appraisal ID 14556-0; Cutting Block ID 16981-0)
X016394  COUNTY: LAKE  AREA: TWO HARBORS AREA  ACRES: 129.2

Permit Number: X016394
Permit Expiration Date: 05/31/2022

Original Sale Date: 01/03/2019 (Sale #2, tract X3)
OTC Purchase End Date: 01/03/2020

GL01, GL02, GL03, GL04, NESE, SENE, SENE, SESE, SWNE, SWNW, SWSE of Section 4 - Township 58, Range 8W.

### APPRAISED TOTAL = $6,681.30
ADVANCE PAYMENT = $1,002.20
BID TOTAL = $6,681.30

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED UNIT PRICE</th>
<th>$ VALUE</th>
<th>BID UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>300.00</td>
<td>Cd</td>
<td>11.56</td>
<td>3,468.00</td>
<td>11.56</td>
<td>3,468.00</td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULPWOOD</td>
<td>110.00</td>
<td>Cd</td>
<td>12.75</td>
<td>1,402.50</td>
<td>12.75</td>
<td>1,402.50</td>
</tr>
<tr>
<td>+ NORWAY PINE</td>
<td>PULPWOOD</td>
<td>110.00</td>
<td>Cd</td>
<td>5.06</td>
<td>556.60</td>
<td>5.06</td>
<td>556.60</td>
</tr>
<tr>
<td>+ NORTHERN</td>
<td>PULPWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>8.26</td>
<td>536.90</td>
<td>8.26</td>
<td>536.90</td>
</tr>
<tr>
<td></td>
<td>HARDWOODS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>40.00</td>
<td>Cd</td>
<td>17.37</td>
<td>694.80</td>
<td>17.37</td>
<td>694.80</td>
</tr>
<tr>
<td></td>
<td>TAMARACK</td>
<td>5.00</td>
<td>Cd</td>
<td>4.50</td>
<td>22.50</td>
<td>4.50</td>
<td>22.50</td>
</tr>
</tbody>
</table>

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

- ANY LISTED SPECIES: 150.00 Tons 0.75 0.00

Mixed Species Description:
- Aspen Species Pulpwood includes: Balm of Gilead 21%; Trembling Aspen 79%.
- Mixed Spruce Pulp & Bolts includes: Black Spruce 3%; White Spruce 97%.
- Northern Hardwoods Pulpwood includes: Paper Birch 99%; Sugar Maple 1%.

Mixed Product Description:
- Mixed Spruce Pulp & Bolts includes: Bolts 13%; Pulpwood 87%.

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:
- Pine and spruce discounted 25% for thinning.

Certification Note:
- The timber on this tract is SFI and FSC certified.

Appraiser:
- Karen L. Updegraff

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

<table>
<thead>
<tr>
<th>COUNTY: LAKE</th>
<th>AREA: TWO HARBORS AREA</th>
<th>ACRES: 91.5</th>
</tr>
</thead>
</table>

Permit Number: X016395  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 01/03/2019 (Sale #2, tract X4)  
OTC Purchase End Date: 01/03/2020  
NESW, SENW of Section 8; NENE of Section 7; NWSW, SENE, SWNW of Section 9; NENE, NWNE, NWNW, SWNE, SWNW of Section 10 - Township 58, Range 8W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>400.00</td>
<td>Cd</td>
<td>13.41</td>
<td>5,364.00</td>
<td>13.41 5,364.00</td>
</tr>
<tr>
<td>+ NORWAY PINE</td>
<td>PULP &amp; BOLTS</td>
<td>340.00</td>
<td>Cd</td>
<td>8.10</td>
<td>2,754.00</td>
<td>8.10 2,754.00</td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULPWOOD</td>
<td>80.00</td>
<td>Cd</td>
<td>14.45</td>
<td>1,156.00</td>
<td>14.45 1,156.00</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>20.30</td>
<td>101.50</td>
<td>20.30 101.50</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>9.16</td>
<td>45.80</td>
<td>9.16 45.80</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 9,421.30**  
**ADVANCE PAYMENT = $ 1,413.20**  
**BID TOTAL = $ 9,421.30**

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

| ANY LISTED SPECIES | BIOMASS | 60.00 | Tons | 0.85 | 0.00 |

**Mixed Species Description:**
Aspen Species Pulpwood includes: Balm of Gilead 3%; Trembling Aspen 97%.  
Mixed Spruce Pulp & Bolts includes: Black Spruce 3%; White Spruce 97%.  
Northern Hardwoods Pulpwood includes: Ash 11%; Paper Birch 89%.

**Mixed Product Description:**
Mixed Spruce Pulp & Bolts includes: Bolts 17%; Pulpwood 83%.  
Norway Pine Pulp & Bolts includes: Bolts 12%; Pulpwood 88%.

**Season of Operations:**
- Conduct sale operations on dry/frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state, USFS and private land.  
- Provisions of access and /or water crossing permits will become part of sale terms and conditions for this sale.

**Marketing Conditions:**
Pine and spruce discounted 25% for thinning.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Karen L. Updegraff

(Appraisal ID 14181-0; Cutting Block ID 16546-0)
X016396  COUNTY: COOK  AREA: TWO HARBORS AREA  ACRES: 88.0

Permit Number: X016396
Permit Expiration Date: 05/31/2022
Original Sale Date: 01/03/2019 (Sale #2, tract X5)
OTC Purchase End Date: 01/03/2020

NWNW,SENW,SWNW of Section 24 - Township 62, Range 2W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORWAY PINE</td>
<td>PULPWOOD</td>
<td>700.00</td>
<td>Cd</td>
<td>3.15</td>
<td>2,205.00</td>
<td>3.15</td>
<td>2,205.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>5.95</td>
<td>89.25</td>
<td>5.95</td>
<td>89.25</td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>6.65</td>
<td>99.75</td>
<td>6.65</td>
<td>99.75</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 2,394.00
ADVANCE PAYMENT = $ 359.10
BID TOTAL = $ 2,394.00

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
<th>VOLUME</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>300.00</td>
<td>Tons</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

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.
- USFS hauling/plowing permit will need to be obtained by permittee for the use of FS Rd 158-Bally Cr Rd.

Marketing Conditions:
Cook County market reduction 65%

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Aaron J. Mielke
**X016398**  
**COUNTY: COOK**  
**AREA: TWO HARBORS AREA**  
**ACRES: 17.3**

Permit Number: X016398  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 01/03/2019 (Sale #2, tract X7)  
OTC Purchase End Date: 01/03/2020  
NWSE,SWNE of Section 1 - Township 63, Range 1E.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ JACK PINE</td>
<td>PULP &amp; BOLTS</td>
<td>175.00</td>
<td>Cd</td>
<td>6.37</td>
<td>1,114.75</td>
<td>6.37</td>
<td>1,114.75</td>
</tr>
<tr>
<td>+ BLACK SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>135.00</td>
<td>Cd</td>
<td>7.91</td>
<td>1,067.85</td>
<td>7.91</td>
<td>1,067.85</td>
</tr>
<tr>
<td>+ TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>90.00</td>
<td>Cd</td>
<td>8.40</td>
<td>756.00</td>
<td>8.40</td>
<td>756.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>5.95</td>
<td>59.50</td>
<td>5.95</td>
<td>59.50</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $ 2,998.10  
**ADVANCE PAYMENT =** $ 449.72  
**BID TOTAL =** $ 2,998.10

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

| ANY LISTED SPECIES | BIOMASS | 120.00 | Tons | 1.00 | 0.00 |

**Mixed Product Description:**
- Black Spruce Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.
- Jack Pine Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across USFS and State land.
- USFS access permit has been applied for.

**Marketing Conditions:**
- Cook County price reduction 65%

**Certification Note:**
- The timber on this tract is SFI and FSC certified.

**Appraiser:**
- Aaron J. Mielke

(Appraisal ID 14302-0; Cutting Block ID 16676-0)
### Unsold Timber Sales - Data as of 07/25/2019

**Intermediate Auction**

<table>
<thead>
<tr>
<th>Permit Number: X016707</th>
<th>Permit Expiration Date: 05/31/2022</th>
</tr>
</thead>
</table>

**County: Lake**

**Area: Two Harbors Area**

**Acres: 58.0**

**Original Sale Date:** 06/11/2019 (Sale #2, tract X22)

**OTC Purchase End Date:** 06/11/2020

**NESE,NWSE,SENE,SWNE of Section 32; SESW of Section 28; NENW of Section 33 - Township 57, Range 8W.**

<table>
<thead>
<tr>
<th>Species</th>
<th>Product</th>
<th>Volume</th>
<th>Unit</th>
<th>Unit Price</th>
<th>$ Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maple Species</td>
<td>Pulp &amp; Bolts</td>
<td>400.00</td>
<td>Cd</td>
<td>10.92</td>
<td>4,368.00</td>
</tr>
<tr>
<td>Ash</td>
<td>Pulpwood</td>
<td>20.00</td>
<td>Cd</td>
<td>4.90</td>
<td>98.00</td>
</tr>
<tr>
<td>Aspen Species</td>
<td>Pulpwood</td>
<td>10.00</td>
<td>Cd</td>
<td>13.10</td>
<td>131.00</td>
</tr>
<tr>
<td>Paper Birch</td>
<td>Pulpwood</td>
<td>10.00</td>
<td>Cd</td>
<td>7.70</td>
<td>77.00</td>
</tr>
<tr>
<td>Balsam Fir</td>
<td>Pulpwood</td>
<td>8.00</td>
<td>Cd</td>
<td>9.80</td>
<td>78.40</td>
</tr>
</tbody>
</table>

**Appraised Total = $4,752.40**

**Advance Payment = $712.86**

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

<table>
<thead>
<tr>
<th>Species</th>
<th>Product</th>
<th>Volume</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any Listed Species</td>
<td>Biomass</td>
<td>288.00</td>
<td>Tons</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**

- Aspen Species Pulpwood includes: Balm of Gilead 43%; Trembling Aspen 57%.
- Maple Species Pulp & Bolts includes: Red Maple 13%; Sugar Maple 87%.

**Mixed Product Description:**

- Maple Species Pulp & Bolts includes: Bolts 45%; Pulpwood 55%.

**Season of Operations:**

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

**Sale Conditions:**

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

**Marketing Conditions:**

- Sale can be accessed from either the Beaver River SFR or the Bird Shot Rd. Sale is off of the Moose Walk OHV trail.

**Certification Note:**

- The timber on this tract is SFI and FSC certified.

**Appraiser:**

Simon Cain

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
Permit Number: X016764
Permit Expiration Date: 05/31/2022
Original Sale Date: 06/13/2019 (Sale #2, tract X1)
OTC Purchase End Date: 06/13/2020

NWSW of Section 6; NWNE, SENE of Section 7 - Township 55, Range 9W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>360.00</td>
<td>Cd</td>
<td>20.40</td>
<td>7,344.00</td>
<td>20.40</td>
<td>7,344.00</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>145.00</td>
<td>Cd</td>
<td>9.61</td>
<td>1,393.45</td>
<td>9.61</td>
<td>1,393.45</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>14.45</td>
<td>939.25</td>
<td>14.45</td>
<td>939.25</td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>45.00</td>
<td>Cd</td>
<td>22.68</td>
<td>1,020.60</td>
<td>22.68</td>
<td>1,020.60</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>7.65</td>
<td>267.75</td>
<td>7.65</td>
<td>267.75</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 10,965.05**
**ADVANCE PAYMENT = $ 1,644.76**
**BID TOTAL = $ 10,965.05**

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

| ANY LISTED SPECIES | BIOMASS | 350.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Northern Hardwoods Pulpwood includes: Paper Birch 69%; Red Maple 31%.

Mixed Product Description:
White Spruce Pulp & Bolts includes: Bolts 64%; Pulpwood 36%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

Sale Conditions:
- Access crosses Public Waters. A Permit is not required if using a snow / ice bridge.
- Access is across county and state land.
- Permission to cross county land must be obtained by permittee.

Marketing Conditions:
Access exists off the N. Alger Grade. The stands in section 7 have direct access. The stand in section 6 will require approximately .35 miles of new winter road for access.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Simon Cain

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
**X016767**  **COUNTY: LAKE**  **AREA: TWO HARBORS AREA**  **ACRES: 114.5**

Permit Number: X016767  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 06/13/2019 (Sale #2, tract X4)  
OTC Purchase End Date: 06/13/2020

NESW, NWSE, NWSW, SESW, SWSE of Section 4 - Township 57, Range 9W.  
NENE of Section 8; NWNW of Section 9; NESW, NWSE, SESW, SWSE of Section 4 - Township 57, Range 9W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>APPRAISED</th>
<th>UNIT</th>
<th>PRICE</th>
<th>BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ BALSAM FIR</td>
<td>PULPWOOD</td>
<td>370.00</td>
<td>Cd</td>
<td>11.90</td>
<td>4,403.00</td>
<td>11.90</td>
<td>4,403.00</td>
<td></td>
</tr>
<tr>
<td>+ MIXED HARDWOODS</td>
<td>PULPWOOD</td>
<td>255.00</td>
<td>Cd</td>
<td>7.39</td>
<td>1,884.45</td>
<td>7.39</td>
<td>1,884.45</td>
<td></td>
</tr>
<tr>
<td>+ MIXED SPRUCE</td>
<td>PULP &amp; BOLTS</td>
<td>135.00</td>
<td>Cd</td>
<td>16.32</td>
<td>2,203.20</td>
<td>16.32</td>
<td>2,203.20</td>
<td></td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>45.00</td>
<td>Cd</td>
<td>17.00</td>
<td>765.00</td>
<td>17.00</td>
<td>765.00</td>
<td></td>
</tr>
<tr>
<td>PINE SPECIES</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>7.65</td>
<td>114.75</td>
<td>7.65</td>
<td>114.75</td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $9,370.40  
**ADVANCE PAYMENT =** $1,405.56  
**BID TOTAL =** $9,370.40

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

<table>
<thead>
<tr>
<th>ANY LISTED SPECIES</th>
<th>BIOMASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>500.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**

- Aspen Species Pulpwood includes: Largetooth Aspen 10%; Trembling Aspen 90%.
- Mixed Hardwoods Pulpwood includes: Ash 60%; Paper Birch 30%; Red Maple 10%.
- Mixed Spruce Pulp & Bolts includes: Black Spruce 15%; White Spruce 85%.
- Pine Species Pulpwood includes: Jack Pine 80%; Norway Pine 20%.

**Mixed Product Description:**

- Mixed Spruce Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

**Season of Operations:**

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

**Sale Conditions:**

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

**Marketing Conditions:**

- From the intersection of Highway 1 and the Hefflefinger Rd. in Finland, MN, drive west on the the Hefflefinger Rd. for 13 miles. At the intersection of Cloquet Lake Rd., turn south on to the Cloquet Lake Rd. and follow for 2.7 miles to the first cutting block to the west.

**Certification Note:**

- The timber on this tract is SFI and FSC certified.

**Appraiser:**

Andrew R. Weston  
(Appraisal ID 14344-0; Cutting Block ID 16744-0, 16743-0)

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**X016769**  
**COUNTY:** LAKE  
**AREA:** TWO HARBORS AREA  
**ACRES:** 68.0

- Permit Number: X016769  
- Permit Expiration Date: 05/31/2022  
- Original Sale Date: 06/13/2019 (Sale #2, tract X6)  
- OTC Purchase End Date: 06/13/2020  

SESW of Section 3; NENE, NENW of Section 10; NWNW of Section 11 - Township 58, Range 6W.  
NENE of Section 9; NENW of Section 10 - Township 58, Range 6W.

### APPRAISED

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUGAR MAPLE</td>
<td>PULPWOOD</td>
<td>245.00</td>
<td>Cd</td>
<td>3.00</td>
<td>735.00</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>201.00</td>
<td>Cd</td>
<td>4.98</td>
<td>1,000.98</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>71.00</td>
<td>Cd</td>
<td>2.75</td>
<td>195.25</td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>PULPWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>4.25</td>
<td>276.25</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>34.00</td>
<td>Cd</td>
<td>1.75</td>
<td>59.50</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>25.00</td>
<td>Cd</td>
<td>3.50</td>
<td>87.50</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $2,354.48

**ADVANCE PAYMENT =** $353.17

**BID TOTAL =** $2,354.48

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

<table>
<thead>
<tr>
<th>SPECIES KEY</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BIOMASS</td>
<td>295.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**

Aspen Species Pulpwood includes: Balm of Gilead 3%; Trembling Aspen 97%.

**Season of Operations:**

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

**Sale Conditions:**

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

**Marketing Conditions:**

Sale areas are located near the junction of Cty Hwy 7 and 8 (Cramer Rd). Access is direct.  
Aspen is deteriorating, and low in volume. Prescription is aimed toward regenerating Aspen--avoid regeneration patches as much as possible.  
Road building, if going through private is needed in harvest area at intersection of 7 and 8 where there is slight elevation to overcome. Building is required in Section 10 as well on the eastern side of the RMZ.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Glenn N. Ristow

(Appraisal ID 14418-0; Cutting Block ID 16955-0, 16968-0)
INTRODUCTION AUCTION

UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

X016770  COUNTY: LAKE  AREA: TWO HARBORS AREA  ACRES: 180.8

Permit Number: X016770  Permit Expiration Date: 05/31/2022
Original Sale Date: 06/13/2019 (Sale #2, tract X7)  OTC Purchase End Date: 06/13/2020

GL02,GL03,NENE,NESW,NWNE,NWSE of Section 7; NWSE,SESE,SESW,SWSE of Section 6;
GL03,GL04,NESW,SENW,SESW,SWNW of Section 5 - Township 58, Range 8W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>APPRAISED PRICE</th>
<th>APPRAISED VALUE</th>
<th>BID PRICE</th>
<th>BID VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIXED SPRUCE</td>
<td>PULPWOOD</td>
<td>980.00</td>
<td>Cd</td>
<td>9.35</td>
<td>9,163.00</td>
<td>9.35</td>
<td>9,163.00</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>750.00</td>
<td>Cd</td>
<td>7.70</td>
<td>5,775.00</td>
<td>7.70</td>
<td>5,775.00</td>
</tr>
<tr>
<td>NORWAY PINE</td>
<td>PULP &amp; BOLTS</td>
<td>510.00</td>
<td>Cd</td>
<td>7.18</td>
<td>3,661.80</td>
<td>7.18</td>
<td>3,661.80</td>
</tr>
<tr>
<td>NORTHERN HARDWOODS</td>
<td>PULPWOOD</td>
<td>150.00</td>
<td>Cd</td>
<td>6.03</td>
<td>904.50</td>
<td>6.03</td>
<td>904.50</td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>10.22</td>
<td>357.70</td>
<td>10.22</td>
<td>357.70</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>3.30</td>
<td>16.50</td>
<td>3.30</td>
<td>16.50</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $19,878.50**
**ADVANCE PAYMENT = $2,981.78**
**BID TOTAL = $19,878.50**

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

| ANY LISTED SPECIES | BIOMASS | 180.00  | 1.00   | 0.00 |

**Mixed Species Description:**
Aspen Species Pulpwood includes: Balm of Gilead 47%; Trembling Aspen 53%.
Mixed Spruce Pulpwood includes: Black Spruce 7%; White Spruce 93%.
Northern Hardwoods Pulpwood includes: Ash 1%; Paper Birch 99%.

**Mixed Product Description:**
Norway Pine Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.

**Season of Operations:**
- Conduct sale operations on frozen or dry soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state and USFS land.
- Provisions of access and/or water crossing permits will become part of sale terms and conditions for this sale.

**Marketing Conditions:**
Access to sale will need road improvements to make summer operations possible, this includes the West General Grade and Snake Trail.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Karen L. Updegraff

(Appraisal ID 14927-0; Cutting Block ID 17399-0)
## UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

**X016776**  
**COUNTY:** COOK  
**AREA:** TWO HARBORS AREA  
**ACRES:** 96.6

- **Permit Number:** X016776  
- **Permit Expiration Date:** 05/31/2022  
- **Original Sale Date:** 06/13/2019 (Sale #2, tract X13)  
- **OTC Purchase End Date:** 06/13/2020  

NWSE, SESW, SWSE of Section 16 - Township 62, Range 4W.  
NENW, NESE, NWNE, SENE, SENW, SWNE of Section 16 - Township 62, Range 4W.

### APPRAISED vs. BID

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ JACK PINE</td>
<td>PULPWOOD</td>
<td>220.00</td>
<td>Cd</td>
<td>2.25</td>
<td>495.00</td>
<td>2.25</td>
<td>495.00</td>
<td></td>
</tr>
<tr>
<td>+ NORWAY PINE</td>
<td>PULPWOOD</td>
<td>205.00</td>
<td>Cd</td>
<td>2.25</td>
<td>461.25</td>
<td>2.25</td>
<td>461.25</td>
<td></td>
</tr>
<tr>
<td>+ BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>110.00</td>
<td>Cd</td>
<td>4.25</td>
<td>467.50</td>
<td>4.25</td>
<td>467.50</td>
<td></td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>PULPWOOD</td>
<td>25.00</td>
<td>Cd</td>
<td>3.50</td>
<td>87.50</td>
<td>3.50</td>
<td>87.50</td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $1,511.25  
**ADVANCE PAYMENT =** $226.69  
**BID TOTAL =** $1,511.25

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

- **ANY LISTED SPECIES**  
  - BIOMASS: 74.00 Tons  
  - 1.00  
  - 0.00

### 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 State land (Cutting Blocks 1 and 2).
- Permission to cross USFS 1273 Road land must be obtained by permittee (Cutting Blocks 1 and 2).
- Provisions of access and/or water crossing permits will become part of sale terms and conditions for this sale (Cutting Blocks 1 and 2).

### Marketing Conditions:
- Blk 1 ave BA 140
- Blk 2 ave BA 142
- Harvest operations will be tight it is recommended to process trees at the stump and forward cut products to the landing.
- Road use/snow plowing permit required for use of USFS 1273 Rd.

### Certification Note:
- The timber on this tract is SFI and FSC certified.

### Appraiser:
- Aaron J. Mielke

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
Permit Number: X016777  
Permit Expiration Date: 05/31/2022

Original Sale Date: 06/13/2019 (Sale #2, tract X14)
OTC Purchase End Date: 06/13/2020

SESW,SWSW of Section 36; NESE,SESE of Section 35 - Township 63, Range 3E.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>726.00</td>
<td>Cd</td>
<td>6.00</td>
<td>4,356.00</td>
<td>6.00</td>
<td>4,356.00</td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULPWOOD</td>
<td>132.00</td>
<td>Cd</td>
<td>4.20</td>
<td>554.40</td>
<td>4.20</td>
<td>554.40</td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>PULPWOOD</td>
<td>66.00</td>
<td>Cd</td>
<td>5.10</td>
<td>336.60</td>
<td>5.10</td>
<td>336.60</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 5,247.00  
ADVANCE PAYMENT = $ 787.05  
BID TOTAL = $ 5,247.00

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

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>119.00</td>
<td>Cd</td>
<td>3.30</td>
<td>0.00</td>
</tr>
<tr>
<td>ANY LISTED SPECIES</td>
<td>BIOMASS</td>
<td>633.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

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 land.

Marketing Conditions:
Access into this sale will be from Tower Road (east of the sale). The road is in rough shape and parts are flooded out just east of the cutting block. Winter access seems to be the most viable option for this timber sale.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Justin Owen Rexrode

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
X016635  COUNTY: KOOCHICHING  AREA: LITTLEFORK AREA  ACRES: 38.9

Permit Number: X016635
Permit Expiration Date: 05/31/2022
Original Sale Date: 06/03/2019 (Sale #2, tract X8)
OTC Purchase End Date: 06/03/2020

NESE,NWNE,NWSE,SENE,SWNE of Section 29 - Township 67, Range 26W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>310.00</td>
<td>Cd</td>
<td>6.15</td>
<td>1,906.50</td>
<td>6.15</td>
<td>1,906.50</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>90.00</td>
<td>Cd</td>
<td>13.85</td>
<td>1,246.50</td>
<td>13.85</td>
<td>1,246.50</td>
</tr>
<tr>
<td>+ MIXED SPRUCE</td>
<td>PULPWOOD</td>
<td>65.00</td>
<td>Cd</td>
<td>12.75</td>
<td>828.75</td>
<td>12.75</td>
<td>828.75</td>
</tr>
<tr>
<td>+ BALSAM FIR</td>
<td>PULPWOOD</td>
<td>60.00</td>
<td>Cd</td>
<td>10.50</td>
<td>630.00</td>
<td>10.50</td>
<td>630.00</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>4.50</td>
<td>67.50</td>
<td>4.50</td>
<td>67.50</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>10.00</td>
<td>Cd</td>
<td>8.25</td>
<td>82.50</td>
<td>8.25</td>
<td>82.50</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 4,761.75
ADVANCE PAYMENT = $ 714.26
BID TOTAL = $ 4,761.75

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

| ANY LISTED SPECIES | BIOMASS | 305.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 51%; Trembling Aspen 49%.
Mixed Spruce Pulpwood includes: Black Spruce 20%; White Spruce 80%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.

Season of Operations:
- Conduct sale operations on 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:
Access will require 0.25 mile of new winter road construction and 2 miles of plowing/freezing along snowmobile trail (old rail grade).
Access to snowmobile trail is off of Hwy. 71, 5.5 miles north of Big Falls.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Nicholas John Riley

(SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
X016723  COUNTY: KOOCHICHING  AREA: LITTLEFORK AREA  ACRES: 63.9

Permit Number: X016723  Permit Expiration Date: 05/31/2022  Original Sale Date: 06/11/2019 (Sale #2, tract X38)  OTC Purchase End Date: 06/11/2020

NESE,NWSE,SENE,SESE,SWNE of Section 3; NWSW,SWNW,SWSW of Section 2 - Township 154, Range 26W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>1,250.00</td>
<td>Cd</td>
<td>15.30</td>
<td>19,125.00</td>
<td>15.30</td>
<td>19,125.00</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>5.40</td>
<td>108.00</td>
<td>5.40</td>
<td>108.00</td>
</tr>
</tbody>
</table>

Appraised Total = $19,233.00  
Advance Payment = $2,884.95  
Bid Total = $19,233.00

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

- ANY LISTED SPECIES  BIOMASS  700.00  Tons  1.00  0.00

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Access using approximately 3 miles of winter road along Tourney grade from county rd 30. Approximately 5 miles west of Big Falls. Common boundary exists with permit B013946.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Jarrod L. Amundson

(Appraisal ID 14375-0; Cutting Block ID 16814-0)
INTERRUPTION AUCTION

COUNTY: PINE AREA: SANDSTONE AREA ACRES: 57.4

Permit Number: X016450
Permit Expiration Date: 05/31/2022

Original Sale Date: 01/10/2019 (Sale #2, tract X4)
OTC Purchase End Date: 01/10/2020

NESE,NWSE,SESE,SWNE,SWSE of Section 17 - Township 42, Range 16W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>OAK SPECIES</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>92.00</td>
<td>Cd</td>
<td>11.30</td>
<td>1,039.60</td>
<td>11.30</td>
<td>1,039.60</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>80.00</td>
<td>Cd</td>
<td>4.75</td>
<td>380.00</td>
<td>4.75</td>
<td>380.00</td>
</tr>
<tr>
<td>MAPLE SPECIES</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>73.00</td>
<td>Cd</td>
<td>6.05</td>
<td>441.65</td>
<td>6.05</td>
<td>441.65</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>WOODSRUN CORDWOOD</td>
<td>27.00</td>
<td>Cd</td>
<td>6.30</td>
<td>170.10</td>
<td>6.30</td>
<td>170.10</td>
</tr>
<tr>
<td>ASH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>17.00</td>
<td>Cd</td>
<td>4.10</td>
<td>69.70</td>
<td>4.10</td>
<td>69.70</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>WOODSRUN CORDWOOD</td>
<td>2.00</td>
<td>Cd</td>
<td>3.00</td>
<td>6.00</td>
<td>3.00</td>
<td>6.00</td>
</tr>
<tr>
<td>AMERICAN ELM</td>
<td>WOODSRUN CORDWOOD</td>
<td>1.00</td>
<td>Cd</td>
<td>2.10</td>
<td>2.10</td>
<td>2.10</td>
<td>2.10</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 2,109.15
ADVANCE PAYMENT = $ 316.37

Mixed Species Description:
Maple Species Woodsrun Mixed Products includes: Red Maple 92%; Sugar Maple 8%.
Oak Species Woodsrun Mixed Products includes: Bur Oak 28%; Red Oak 72%.

Mixed Product Description:
Ash Woodsrun Mixed Products includes: Bolts 20%; Pulpwood 70%; Sawtimber 10%.
Basswood Woodsrun Mixed Products includes: Bolts 27%; Pulpwood 40%; Sawtimber 33%.
Maple Species Woodsrun Mixed Products includes: Bolts 4%; Pulpwood 78%; Sawtimber 18%.
Oak Species Woodsrun Mixed Products includes: Bolts 20%; Pulpwood 60%; Sawtimber 20%.

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

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

Marketing Conditions:
Timber is 25 cords/acre within the harvest areas

<table>
<thead>
<tr>
<th>Species</th>
<th>DBH</th>
<th>Sticks</th>
<th>Co. of Var (BA)</th>
<th>Plots for scaled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basswood</td>
<td>11</td>
<td>5</td>
<td>1.04</td>
<td>45</td>
</tr>
<tr>
<td>Oak Sp.</td>
<td>17</td>
<td>6</td>
<td>1.13</td>
<td>53</td>
</tr>
<tr>
<td>Maple Sp.</td>
<td>11</td>
<td>4</td>
<td>1.02</td>
<td>43</td>
</tr>
</tbody>
</table>

Plots taken: 52

reoffer of unsold permit

Certification Note:
The timber on this tract is SFI and FSC certified.
Appraiser:
Jeremiah Thomas Fauskee

(Appraisal ID 13024-0; Cutting Block ID 15235-0)

(SPECIES KEY:  BID SPECIES,  SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

<table>
<thead>
<tr>
<th>Permit Number: X016457</th>
<th>Permit Expiration Date: 05/31/2022</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COUNTY:</strong> PINE</td>
<td><strong>AREA:</strong> SANDSTONE AREA</td>
</tr>
<tr>
<td>ACRES: 46.3</td>
<td></td>
</tr>
</tbody>
</table>

Original Sale Date: 01/10/2019 (Sale #2, tract X11)
OTC Purchase End Date: 01/10/2020

SESW,SWSE of Section 15; NENW,NWNE,NWNSW,SSENW,SWNW of Section 22 - Township 44, Range 16W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ MAPLE SPECIES</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>134.30</td>
<td>Cd</td>
<td>4.68</td>
<td>628.52</td>
<td>4.68</td>
<td>628.52</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>121.00</td>
<td>Cd</td>
<td>4.32</td>
<td>522.72</td>
<td>4.32</td>
<td>522.72</td>
</tr>
<tr>
<td>BALSAM FIR</td>
<td>WOODSRUN CORDWOOD</td>
<td>25.10</td>
<td>Cd</td>
<td>6.00</td>
<td>150.60</td>
<td>6.00</td>
<td>150.60</td>
</tr>
<tr>
<td>RED OAK</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>21.00</td>
<td>Cd</td>
<td>8.61</td>
<td>180.81</td>
<td>8.61</td>
<td>180.81</td>
</tr>
<tr>
<td>ASH</td>
<td>WOODSRUN CORDWOOD</td>
<td>6.80</td>
<td>Cd</td>
<td>3.20</td>
<td>21.76</td>
<td>3.20</td>
<td>21.76</td>
</tr>
</tbody>
</table>

**Mixed Species Description:**
Maple Species Woodsrun Mixed Products includes: Red Maple 51%; Sugar Maple 49%.

**Mixed Product Description:**
Maple Species Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.
Paper Birch Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 90%.
Red Oak Woodsrun Mixed Products includes: Bolts 10%; Pulpwood 85%; Sawlog-Grade 2 (Hardwood) 5%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.
- Frozen ground access across state.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
Access is from the South, off the Park Forest Road pull out #4.

53 Plots Taken

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Andrew J. Kett

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
UNSOld TIMBER SALES - DATA AS OF 07/25/2019

X016463     COUNTY: PINE     AREA: SANDSTONE AREA     ACRES: 18.0

Permit Number: X016463
Permit Expiration Date: 05/31/2022

Original Sale Date: 01/10/2019 (Sale #2, tract X17)
OTC Purchase End Date: 01/10/2020

SWSE of Section 35 - Township 45, Range 17W.
NENE,NWNE of Section 2 - Township 44, Range 17W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>325.00</td>
<td>Cd</td>
<td>21.00</td>
<td>6,825.00</td>
<td>21.00</td>
<td>6,825.00</td>
<td></td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>115.00</td>
<td>Cd</td>
<td>10.00</td>
<td>1,150.00</td>
<td>10.00</td>
<td>1,150.00</td>
<td></td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 7,975.00
ADVANCE PAYMENT = $ 1,196.25

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

| ANY LISTED SPECIES | BIOMASS | 227.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Largetooth Aspen 20%; Trembling Aspen 80%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access only.

Sale Conditions:
- Access is across state and private land.
- Permission to cross private land must be obtained by permittee.

Marketing Conditions:
This sale is located 1.5 miles east of the intersection of Kerrick road and trails end road.
Access to this sale is frozen ground only.
This sale consist of mature to over mature aspen the averages 6-7 sticks and 9 to 14 inch DBH as well as paper birch that averages 4-5 sticks and 7 to 10 DBH.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Michael Ryan Kobberdahl

(Appraisal ID 12979-0; Cutting Block ID 14936-0)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016475**

**COUNTY: PINE**

**AREA: SANDSTONE AREA**

**ACRES: 88.6**

Permit Number: X016475

Permit Expiration Date: 05/31/2022

Original Sale Date: 01/15/2019 (Sale #2, tract X6)

OTC Purchase End Date: 01/15/2020

NWSE, SENE, SWNE of Section 7 - Township 43, Range 16W.

NENEN, SENE of Section 7; NWNW, SWNW of Section 8 - Township 43, Range 16W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ MAPLE SPECIES</td>
<td>WOODSRUN MIXED</td>
<td>298.00</td>
<td>Cd</td>
<td>11.40</td>
<td>3,397.20</td>
</tr>
<tr>
<td></td>
<td>PRODUCTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ RED OAK</td>
<td>WOODSRUN MIXED</td>
<td>156.00</td>
<td>Cd</td>
<td>16.10</td>
<td>2,511.60</td>
</tr>
<tr>
<td></td>
<td>PRODUCTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ ASH</td>
<td>WOODSRUN MIXED</td>
<td>94.00</td>
<td>Cd</td>
<td>8.35</td>
<td>784.90</td>
</tr>
<tr>
<td></td>
<td>PRODUCTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ BASSWOOD</td>
<td>WOODSRUN MIXED</td>
<td>80.00</td>
<td>Cd</td>
<td>5.95</td>
<td>476.00</td>
</tr>
<tr>
<td></td>
<td>PRODUCTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>WOODSRUN MIXED</td>
<td>20.00</td>
<td>Cd</td>
<td>10.65</td>
<td>213.00</td>
</tr>
<tr>
<td></td>
<td>PRODUCTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASPEN SPECIES</td>
<td>WOODSRUN CORDWOOD</td>
<td>6.00</td>
<td>Cd</td>
<td>19.95</td>
<td>119.70</td>
</tr>
</tbody>
</table>

**APPRaised TOTAL =** $7,502.40

**ADVANCE PAYMENT =** $1,125.36

**BID TOTAL =** $7,502.40

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

| ANY LISTED SPECIES | BIOMASS | 418.00 | Tons | 1.00 | 0.00 |

**Mixed Species Description:**

Aspen Species Woodsrun Cordwood includes: Largetooth Aspen 8%; Trembling Aspen 92%.

Maple Species Woodsrun Mixed Products includes: Red Maple 30%; Sugar Maple 70%.

**Mixed Product Description:**

Ash Woodsrun Mixed Products includes: Bolts 1%; Pulpwood 89%; Sawtimber 11%.

Basswood Woodsrun Mixed Products includes: Pulpwood 96%; Sawtimber 4%.

Maple Species Woodsrun Mixed Products includes: Bolts 3%; Pulpwood 86%; Sawtimber 12%.

Paper Birch Woodsrun Mixed Products includes: Bolts 9%; Pulpwood 85%; Sawtimber 6%.

Red Oak Woodsrun Mixed Products includes: Bolts 1%; Pulpwood 90%; Sawtimber 9%.

**Season of Operations:**

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

**Sale Conditions:**

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

**Marketing Conditions:**

Cutting block one is a circular gap shelterwood sale, with twenty six, 80ft radius gaps, and 16 foot wide corresponding skid lanes, for a total of 13.2 harvest acres.

Red oak averages 15" DBH, and 5-6 sticks, the sugar maple averages 12" DBH and 4 sticks, the ash averages 14" DBH and 6-7 sticks, the basswood averages 14" DBH and 6-7 sticks, the red maple averages 12" DBH and 5-6 sticks.

Cutting block two is a painted hardwood thinning, containing maple, red oak, basswood, ash, and paper birch which average 7 to 12 in DBH and 4 to 5 sticks tall.

This sale is located 3.4 mile up the Matthew Lourey Trail, north of the Rutabaga road.

(SPECIES KEY: * BID SPECIES, ★ SOLD ON APPRAISED VOLUME)
Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Michael Ryan Kobberdahl
(Appraisal ID 13007-0; Cutting Block ID 15059-0, 14977-0)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**COUNTY: PINE**

**AREA: SANDSTONE AREA**

**ACRES: 68.0**

---

**Permit Number:** X016476  
**Permit Expiration Date:** 05/31/2022  
**Original Sale Date:** 01/15/2019 (Sale #2, tract X7)  
**OTC Purchase End Date:** 01/15/2020

NESC,WNSW,SESW,SWSW,SESE of Section 5; NESE,SENE,SESE of Section 6 - Township 44, Range 16W.

---

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ MAPLE SPECIES</td>
<td>WOODSRUN CORDWOOD</td>
<td>293.00</td>
<td>Cd</td>
<td>4.40</td>
<td>1,289.20</td>
<td>4.40</td>
<td>1,289.20</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>WOODSRUN CORDWOOD</td>
<td>87.00</td>
<td>Cd</td>
<td>4.00</td>
<td>348.00</td>
<td>4.00</td>
<td>348.00</td>
</tr>
<tr>
<td>+ BLACK SPRUCE</td>
<td>WOODSRUN CORDWOOD</td>
<td>75.00</td>
<td>Cd</td>
<td>6.80</td>
<td>510.00</td>
<td>6.80</td>
<td>510.00</td>
</tr>
<tr>
<td>TAMARACK</td>
<td>WOODSRUN CORDWOOD</td>
<td>49.00</td>
<td>Cd</td>
<td>2.40</td>
<td>117.60</td>
<td>2.40</td>
<td>117.60</td>
</tr>
<tr>
<td>+ RED OAK</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>41.00</td>
<td>Cd</td>
<td>7.80</td>
<td>319.80</td>
<td>7.80</td>
<td>319.80</td>
</tr>
<tr>
<td>ASH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>25.00</td>
<td>Cd</td>
<td>4.00</td>
<td>100.00</td>
<td>4.00</td>
<td>100.00</td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>13.00</td>
<td>Cd</td>
<td>8.40</td>
<td>109.20</td>
<td>8.40</td>
<td>109.20</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>WOODSRUN CORDWOOD</td>
<td>11.00</td>
<td>Cd</td>
<td>8.40</td>
<td>92.40</td>
<td>8.40</td>
<td>92.40</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>3.00</td>
<td>Cd</td>
<td>7.15</td>
<td>21.45</td>
<td>7.15</td>
<td>21.45</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $3,129.65  
**ADVANCE PAYMENT =** $469.45  
**BID TOTAL =** $3,129.65

---

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

- **ANY LISTED SPECIES**  
- **BIOMASS**  

---

**Mixed Species Description:**  
Maple Species Woodsrun Cordwood includes: Red Maple 91%; Sugar Maple 9%.

**Mixed Product Description:**  
Ash Woodsrun Mixed Products includes: Bolts 9%; Pulpwood 71%; Sawtimber 20%.  
Basswood Woodsrun Mixed Products includes: Bolts 16%; Pulpwood 39%; Sawtimber 45%.  
Red Oak Woodsrun Mixed Products includes: Bolts 16%; Pulpwood 39%; Sawtimber 45%.  
White Spruce Woodsrun Mixed Products includes: Bolts 2%; Pulpwood 63%; Sawtimber 35%.

**Season of Operations:**  
- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Blocks 1 and 2).  
- Frozen ground access only (Cutting Blocks 1 and 2).

**Sale Conditions:**  
- Access is across state land (Cutting Blocks 1 and 2).

**Marketing Conditions:**  
Species averages  
Red maple: 11” DBH, 5 sticks  
Sugar Maple 8” DBH, 4 sticks  
Red oak: 15” DBH, 6 sticks  
Ash: 16” DBH, 6.5 sticks  
Paper Birch: 12” DBH, 5 Sticks

(SPECIES KEY: * BID SPECIES, * SOLD ON APPRAISED VOLUME)
Basswood: 20" DBH, 7 sticks
Aspen: 16" DBH, 6 Sticks
Balsam Fir: 8" DBH, 4 sticks
Black Spruce: 8" DBH, 5 sticks
White Spruce: 11" DBH, 7 Sticks

Sale is located .2 miles off Potlatch Forest road.
1.8 miles on potlatch Forest road.
3.3 miles on Park forest road.
11.5 miles township road to town of Bruno and State Hwy 23.

Cutting Block 1:

Cutting block one is a circular gap shelter-wood sale; twenty-one, 80 foot radius(1/2 acre) gaps and corresponding lanes, for a total of approximately 11 acres, or 18-20 percent of cutting block acres.
Center tree in each gap is marked and numbered in yellow paint. 16 foot wide access lanes between gaps should take most direct route between gaps.

Cutting block 2:

Clear-cut all species designated on permit inside blue painted boundary.

unsold reoffer

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Michael Anthony Palmer

(Appraisal ID 12811-0; Cutting Block ID 15007-0, 15012-0)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016554 COUNTY: ANOKA AREA: SANDSTONE AREA ACRES: 38.6**

Permit Number: X016554  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 05/22/2019 (Sale #2, tract X2)  
OTC Purchase End Date: 05/22/2020

NWNE of Section 17; NESW,NWSE,SESW,SWSE of Section 8 - Township 32, Range 22W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ NORTHERN PIN OAK</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>760.00</td>
<td>Cd</td>
<td>12.68</td>
<td>9,636.80</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>109.00</td>
<td>Cd</td>
<td>7.15</td>
<td>779.35</td>
</tr>
<tr>
<td>+ TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>105.00</td>
<td>Cd</td>
<td>11.70</td>
<td>1,228.50</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>60.00</td>
<td>Cd</td>
<td>6.50</td>
<td>390.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>42.00</td>
<td>Cd</td>
<td>3.90</td>
<td>163.80</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULPWOOD</td>
<td>23.00</td>
<td>Cd</td>
<td>3.90</td>
<td>89.70</td>
</tr>
<tr>
<td>BLACK CHERRY</td>
<td>PULPWOOD</td>
<td>4.00</td>
<td>Cd</td>
<td>4.55</td>
<td>18.20</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 12,306.35**  
**ADVANCE PAYMENT = $ 1,845.95**  
**BID TOTAL = $ 12,306.35**

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

| ANY LISTED SPECIES | BIOMASS | 664.00 | Tons | 1.00 | 0.00 |

**Mixed Product Description:**

Northern Pin Oak Woodsrun Mixed Products includes: Bolts 35%; Pulpwood 65%.

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- Frozen ground access across private and State.
- No sale operations allowed between April 1st - July 15th and September 1st - December 1st without written permission from State. Date restrictions are due to oak wilt concerns and various hunting seasons.

**Sale Conditions:**
- Access is across private, and State land.
- Permission to cross private land must be obtained by permittee.
- This permit contains lands in a Wildlife Management Area (WMA).

**Marketing Conditions:**

Sale located in Carlos Avery WMA  
20 miles south of City of Cambridge MN  
.1 miles on 165th Ave NE  
.25 miles on Zodiac St NE  
1 mile on 167th Ave NE  
1 mile Potomac St NE  
.15 miles on Lexington Ave NE  
1 mile on crosstown Blvd NE to State Hwy 65

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Michael Anthony Palmer
X016555  COUNTY: ISANTI  AREA: SANDSTONE AREA  ACRES: 11.9

Permit Number: X016555
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/22/2019 (Sale #2, tract X3)
OTC Purchase End Date: 05/22/2020

NWSW,SWNW of Section 4 - Township 37, Range 24W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>195.00</td>
<td>Cd</td>
<td>14.40</td>
<td>2,808.00</td>
<td>14.40</td>
<td>2,808.00</td>
</tr>
<tr>
<td>+ NORTHERN PIN OAK</td>
<td>PULP &amp; BOLTS</td>
<td>71.00</td>
<td>Cd</td>
<td>15.85</td>
<td>1,125.35</td>
<td>15.85</td>
<td>1,125.35</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>33.00</td>
<td>Cd</td>
<td>4.80</td>
<td>158.40</td>
<td>4.80</td>
<td>158.40</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULPWOOD</td>
<td>27.00</td>
<td>Cd</td>
<td>4.80</td>
<td>129.60</td>
<td>4.80</td>
<td>129.60</td>
</tr>
<tr>
<td>BUR OAK</td>
<td>PULPWOOD</td>
<td>12.00</td>
<td>Cd</td>
<td>12.80</td>
<td>153.60</td>
<td>12.80</td>
<td>153.60</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>6.00</td>
<td>Cd</td>
<td>8.80</td>
<td>52.80</td>
<td>8.80</td>
<td>52.80</td>
</tr>
</tbody>
</table>

APPRaised TOTAL = $ 4,427.75
ADVANCE PAYMENT = $ 664.16
BID TOTAL = $ 4,427.75

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

| SPECIES KEY: + BID SPECIES, ★ SOLD ON APPRAISED VOLUME |

Mixed Species Description:
Aspen Species Pulpwood includes: Large tooth Aspen 50%; Trembling Aspen 50%.

Mixed Product Description:
Northern Pin Oak Pulp & Bolts includes: Bolts 38%; Pulpwood 62%.

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State.
- No sale operations allowed between April 1st - July 15th and September 1st - December 1st without written permission from State. Date restrictions are due to oak wilt concerns and various hunting seasons.

Sale Conditions:
- Access is across state land.
- This permit contains lands in a Wildlife Management Area (WMA).

Marketing Conditions:
Sale is located in the Cranberry WMA.
11.5 miles north of the City of Cambridge.
11.5 miles State Hwy 65.
6.2 miles County Road 4.
.5 miles on Heather Street.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Michael Anthony Palmer

(Appraisal ID 14581-0; Cutting Block ID 17036-0)
**X016556**  
**COUNTY: PINE**  
**AREA: SANDSTONE AREA**  
**ACRES: 7.4**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ TREMBLING ASPEN</td>
<td>PULPWOOD</td>
<td>91.00</td>
<td>Cd</td>
<td>18.00</td>
<td>1,638.00</td>
<td>18.00</td>
<td>1,638.00</td>
</tr>
<tr>
<td>+ RED MAPLE</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>11.00</td>
<td>165.00</td>
<td>11.00</td>
<td>165.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>6.00</td>
<td>30.00</td>
<td>6.00</td>
<td>30.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL** = $1,833.00  
**ADVANCE PAYMENT** = $274.95  
**BID TOTAL** = $1,833.00

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

| ANY LISTED SPECIES | BIOMASS | 69.00 | Tons | 1.00 | 0.00 |

**Season of Operations:**
- Conduct sale operations on frozen soil conditions only, except with written permission from State.

**Sale Conditions:**
- Access is across state land.

**Marketing Conditions:**
Sale is located in the Chengwatana State Forest.  
8.5 miles east of Pine City on County 8/118.

**Certification Note:**
The timber on this tract is SFI and FSC certified.

**Appraiser:**
Michael Anthony Palmer
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

INTERMEDIATE AUCTION

X016557  COUNTY: PINE  AREA: SANDSTONE AREA  ACRES: 44.5

Permit Number: X016557
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/22/2019 (Sale #2, tract X5)
OTC Purchase End Date: 05/22/2020

NENW,NWNE,NWNW,SWNE of Section 16 - Township 41, Range 17W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ OAK SPECIES</td>
<td>PULPWOOD</td>
<td>300.00</td>
<td>Cd</td>
<td>15.20</td>
<td>4,560.00</td>
<td>15.20</td>
<td>4,560.00</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>110.00</td>
<td>Cd</td>
<td>17.10</td>
<td>1,881.00</td>
<td>17.10</td>
<td>1,881.00</td>
</tr>
<tr>
<td>+ SUGAR MAPLE</td>
<td>PULPWOOD</td>
<td>70.00</td>
<td>Cd</td>
<td>10.45</td>
<td>731.50</td>
<td>10.45</td>
<td>731.50</td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>50.00</td>
<td>Cd</td>
<td>7.03</td>
<td>351.50</td>
<td>7.03</td>
<td>351.50</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULPWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>10.45</td>
<td>313.50</td>
<td>10.45</td>
<td>313.50</td>
</tr>
<tr>
<td>ASH</td>
<td>PULP &amp; BOLTS</td>
<td>15.00</td>
<td>Cd</td>
<td>7.83</td>
<td>117.45</td>
<td>7.83</td>
<td>117.45</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>PULPWOOD</td>
<td>15.00</td>
<td>Cd</td>
<td>9.50</td>
<td>142.50</td>
<td>9.50</td>
<td>142.50</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $ 8,097.45
ADVANCE PAYMENT = $ 1,214.62
BID TOTAL = $ 8,097.45

Mixed Species Description:
Aspen Species Pulpwood includes: Balm of Gilead 1%; Largetooth Aspen 84%; Trembling Aspen 15%.
Oak Species Pulpwood includes: Red Oak 95%; White Oak 5%.

Mixed Product Description:
Ash Pulp & Bolts includes: Bolts 28%; Pulpwood 72%.
Basswood Pulp & Bolts includes: Bolts 20%; Pulpwood 80%.

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:
Sale is located 2 miles north of State Highway 48 in Ogema (W) Township. The forest route access is located off of Horse Shoe Road.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Michael Ryan Kobberdahl

(SPECIES KEY: + BID SPECIES,  ★ SOLD ON APPRAISED VOLUME)
X016558 COUNTY: PINE AREA: SANDSTONE AREA ACRES: 18.4

Permit Number: X016558 Permit Expiration Date: 05/31/2022

Original Sale Date: 05/22/2019 (Sale #2, tract X6) OTC Purchase End Date: 05/22/2020

NENW,NWNE of Section 22 - Township 42, Range 17W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAMARACK</td>
<td>PULPWOOD</td>
<td>130.00</td>
<td>Cd</td>
<td>5.40</td>
<td>702.00</td>
<td>5.40</td>
<td>702.00</td>
</tr>
<tr>
<td>BLACK SPRUCE</td>
<td>PULPWOOD</td>
<td>5.00</td>
<td>Cd</td>
<td>13.50</td>
<td>67.50</td>
<td>13.50</td>
<td>67.50</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $769.50
ADVANCE PAYMENT = $115.43
BID TOTAL = $769.50

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

- ANY LISTED SPECIES BIOMASS
  - 39.00 Tons 1.00 0.00

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale is located off of the Matthew Lourey State Trail about a mile north of Pine County Road 25.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Michael Ryan Kobberdahl

(Appraisal ID 14531-0; Cutting Block ID 16971-0)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

PERMIT NUMBER: X016559

COUNTY: PINE
AREA: SANDSTONE AREA
ACRES: 33.5

NORTHWEST, NORTHEAST, NORTH, SOUTHWEST, SOUTHEAST, SOUTHWEST of Section 28 - Township 42, Range 17W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>455.00</td>
<td>Cd</td>
<td>18.00</td>
<td>8,190.00</td>
</tr>
<tr>
<td>2. BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>195.00</td>
<td>Cd</td>
<td>6.75</td>
<td>1,316.25</td>
</tr>
<tr>
<td>3. RED MAPLE</td>
<td>PULPWOOD</td>
<td>90.00</td>
<td>Cd</td>
<td>11.00</td>
<td>990.00</td>
</tr>
<tr>
<td>WARNING: RED MAPLE</td>
<td>PULPWOOD</td>
<td>30.00</td>
<td>Cd</td>
<td>16.00</td>
<td>480.00</td>
</tr>
<tr>
<td>ASH</td>
<td>PULPWOOD</td>
<td>20.00</td>
<td>Cd</td>
<td>6.00</td>
<td>120.00</td>
</tr>
</tbody>
</table>

APPRAISED TOTAL = $11,096.25
ADVANCE PAYMENT = $1,664.44
BID TOTAL = $11,096.25

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

| ANY LISTED SPECIES | BIOMASS | 506.00 | Tons | 1.00 | 0.00 |

Mixed Species Description:
Aspen Species Pulpwood includes: Largetooth Aspen 83%; Trembling Aspen 17%.

Mixed Product Description:
Basswood Pulp & Bolts includes: Bolts 11%; Pulpwood 89%.

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

Sale Conditions:
- Access is across state land.

Marketing Conditions:
Sale is located 2.5 miles south of Duxbury.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Michael Ryan Kobberdahl

(SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME)
UNSOLD TIMBER SALES - DATA AS OF 07/25/2019

X016561  COUNTY: PINE   AREA: SANDSTONE AREA   ACRES: 145.3

Permit Number: X016561
Permit Expiration Date: 05/31/2022

Original Sale Date: 05/22/2019 (Sale #2, tract X9)
OTC Purchase End Date: 05/22/2020

NWSW,SWNW of Section 33; NESE,NWSE,SESE,SESW,SWSE of Section 32 - Township 44, Range 16W.
NENW,NWNE of Section 32 - Township 44, Range 16W.
NENW,NESW,NWNE,NWSW,SENW,SWNE,SWNW of Section 5 - Township 43, Range 16W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED MAPLE</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>770.00</td>
<td>Cd</td>
<td>13.30</td>
<td>10,241.00</td>
<td>13.30</td>
<td>10,241.00</td>
</tr>
<tr>
<td>ASH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>660.00</td>
<td>Cd</td>
<td>14.40</td>
<td>9,504.00</td>
<td>14.40</td>
<td>9,504.00</td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>355.00</td>
<td>Cd</td>
<td>13.52</td>
<td>4,799.60</td>
<td>13.52</td>
<td>4,799.60</td>
</tr>
<tr>
<td>SUGAR MAPLE</td>
<td>PULPWOOD</td>
<td>245.00</td>
<td>Cd</td>
<td>11.00</td>
<td>2,695.00</td>
<td>11.00</td>
<td>2,695.00</td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>PULP &amp; BOLTS</td>
<td>220.00</td>
<td>Cd</td>
<td>18.00</td>
<td>3,960.00</td>
<td>18.00</td>
<td>3,960.00</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL =** $31,199.60

**ADVANCE PAYMENT =** $4,679.94

**BID TOTAL =** $31,199.60

Mixed Product Description:
Ash Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 64%; Sawlog-Grade 1 (Hardwood) 5%; Sawlog-Grade 2 (Hardwood) 1%
Paper Birch Woodsrun Mixed Products includes: Bolts 28%; Pulpwood 68%; Sawlog-Grade 1 (Hardwood) 1%; Sawlog-Grade 2 (Hardwood) 3%
Red Maple Woodsrun Mixed Products includes: Bolts 19%; Pulpwood 79%; Sawlog-Grade 2 (Hardwood) 3%
Trembling Aspen Pulp & Bolts includes: Bolts 15%; Pulpwood 85%

Season of Operations:
- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Blocks 1 and 2).
- Frozen ground access only (Cutting Blocks 1 and 2).

Sale Conditions:
- Access is across State land (Cutting Blocks 1 and 2).

Marketing Conditions:
New and existing access is off of the Park Forest Road.
Sugar Maple is to be harvested as a logger select thinning, according to TSA direction.
ATV and Snowmobile trails will be used to access block 2.
New access will need to be constructed to access block 1.

Certification Note:
The timber on this tract is SFI and FSC certified.

Appraiser:
Andrew J. Kett

SPECIES KEY: + BID SPECIES, * SOLD ON APPRAISED VOLUME
**X016562**  
**COUNTY:** PINE  
**AREA:** SANDSTONE AREA  
**ACRES:** 28.3

- **Permit Number:** X016562  
- **Permit Expiration Date:** 05/31/2022

- **Original Sale Date:** 05/22/2019 (Sale #2, tract X10)  
- **OTC Purchase End Date:** 05/22/2020

**NESE, SESE of Section 2; NWSW, SWSW of Section 1 - Township 44, Range 16W.**

**NENE, NWNE, SENE, SWNE of Section 2 - Township 44, Range 16W.**

---

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ ASH</td>
<td>PULP &amp; BOLTS</td>
<td>195.00</td>
<td>Cd</td>
<td>8.40</td>
<td>1,638.00</td>
<td></td>
<td>8.40</td>
<td>1,638.00</td>
</tr>
<tr>
<td>+ ASPEN SPECIES</td>
<td>PULPWOOD</td>
<td>35.00</td>
<td>Cd</td>
<td>18.00</td>
<td>630.00</td>
<td></td>
<td>18.00</td>
<td>630.00</td>
</tr>
<tr>
<td>+ PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>30.00</td>
<td>Cd</td>
<td>10.90</td>
<td>327.00</td>
<td></td>
<td>10.90</td>
<td>327.00</td>
</tr>
<tr>
<td>+ BASSWOOD</td>
<td>PULP &amp; BOLTS</td>
<td>25.00</td>
<td>Cd</td>
<td>7.05</td>
<td>176.25</td>
<td></td>
<td>7.05</td>
<td>176.25</td>
</tr>
<tr>
<td>+ SUGAR MAPLE</td>
<td>PULP &amp; BOLTS</td>
<td>25.00</td>
<td>Cd</td>
<td>11.70</td>
<td>292.50</td>
<td></td>
<td>11.70</td>
<td>292.50</td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>PULP &amp; BOLTS</td>
<td>5.00</td>
<td>Cd</td>
<td>11.70</td>
<td>58.50</td>
<td></td>
<td>11.70</td>
<td>58.50</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $3,122.25**  
**ADVANCE PAYMENT = $468.34**

---

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

| ANY LISTED SPECIES | BIOMASS | 96.28 | Tons  | 1.00 | 0.00 |

---

**Mixed Species Description:**  
Aspen Species Pulpwood includes: Largetooth Aspen 33%; Trembling Aspen 67%.

**Mixed Product Description:**  
Ash Pulp & Bolts includes: Bolts 30%; Pulpwood 70%.  
Basswood Pulp & Bolts includes: Bolts 15%; Pulpwood 85%.  
Paper Birch Pulp & Bolts includes: Bolts 11%; Pulpwood 89%.  
Red Maple Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.  
Sugar Maple Pulp & Bolts includes: Bolts 10%; Pulpwood 90%.

**Season of Operations:**  
- Conduct sale operations on frozen soil conditions only, except with written permission from State (Cutting Blocks 1 and 2).  
- Frozen ground access only (Cutting Blocks 1 and 2).

**Sale Conditions:**  
- Access is across State land (Cutting Blocks 1 and 2).

**Marketing Conditions:**  
(N/A)

**Certification Note:**  
The timber on this tract is SFI and FSC certified.

**Appraiser:**  
Brian S. Allshouse

---

**Appraisal ID 14652-0; Cutting Block ID 16299-0, 17101-0**

(SPECIES KEY: + BID SPECIES,  * SOLD ON APPRAISED VOLUME)
**UNSOLD TIMBER SALES - DATA AS OF 07/25/2019**

**INTERMEDIATE AUCTION**

**X016563**  
COUNTY: PINE  
AREA: SANDSTONE AREA  
ACRES: 88.8

Permit Number: X016563  
Permit Expiration Date: 05/31/2022  
Original Sale Date: 05/22/2019 (Sale #2, tract X11)  
OTC Purchase End Date: 05/22/2020

NENE, SESE of Section 34; NWSW, SWSW of Section 35 - Township 44, Range 17W.  
NWNW of Section 35; NENE, SENE, SWNE of Section 34 - Township 44, Range 17W.  
NENE, NWNE of Section 34 - Township 44, Range 17W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAPLE SPECIES</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>515.00</td>
<td>Cd</td>
<td>12.40</td>
<td>6,386.00</td>
<td>12.40</td>
<td>6,386.00</td>
<td></td>
</tr>
<tr>
<td>RED OAK</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>475.00</td>
<td>Cd</td>
<td>22.10</td>
<td>10,497.50</td>
<td>22.10</td>
<td>10,497.50</td>
<td></td>
</tr>
<tr>
<td>TREMBLING ASPEN</td>
<td>WOODSRUN CORDWOOD</td>
<td>215.00</td>
<td>Cd</td>
<td>18.00</td>
<td>3,870.00</td>
<td>18.00</td>
<td>3,870.00</td>
<td></td>
</tr>
<tr>
<td>PAPER BIRCH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>170.00</td>
<td>Cd</td>
<td>12.60</td>
<td>2,142.00</td>
<td>12.60</td>
<td>2,142.00</td>
<td></td>
</tr>
<tr>
<td>BASSWOOD</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>105.00</td>
<td>Cd</td>
<td>7.25</td>
<td>761.25</td>
<td>7.25</td>
<td>761.25</td>
<td></td>
</tr>
<tr>
<td>ASH</td>
<td>WOODSRUN MIXED PRODUCTS</td>
<td>85.00</td>
<td>Cd</td>
<td>8.50</td>
<td>722.50</td>
<td>8.50</td>
<td>722.50</td>
<td></td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $24,379.25**  
**ADVANCE PAYMENT = $3,656.89**  
**BID TOTAL = $24,379.25**

**Mixed Species Description:**  
Maple Species Woodsrun Mixed Products includes: Red Maple 54%; Sugar Maple 46%.

**Mixed Product Description:**  
Ash Woodsrun Mixed Products includes: Bolts 23%; Pulpwood 69%; Sawlog-Grade 3 (Hardwood) 8%.  
Basswood Woodsrun Mixed Products includes: Bolts 14%; Pulpwood 83%; Sawlog-Grade 3 (Hardwood) 3%.  
Maple Species Woodsrun Mixed Products includes: Bolts 16%; Pulpwood 81%; Sawlog-Grade 3 (Hardwood) 4%.  
Paper Birch Woodsrun Mixed Products includes: Bolts 24%; Pulpwood 69%; Sawlog-Grade 3 (Hardwood) 7%.  
Red Oak Woodsrun Mixed Products includes: Bolts 30%; Pulpwood 54%; Sawlog-Grade 2 (Hardwood) 2%; Sawlog-Grade 3 (Hardwood) 14%.

**Season of Operations:**  
- No sale operations allowed between April 1 and Dec. 1, without written permission from State (Cutting Block 1).  
- Conduct all sale operations on frozen soil conditions only, except with written permission from State (Cutting Block 1).

**Sale Conditions:**  
- Access is across private and state land (Cutting Block 2).  
- Access is across private and state forest land (Cutting Block 3).  
- Access is across private and state forest land land (Cutting Block 1).  
- Permission to cross private land must be obtained by permittee (Cutting Block 1).

**Marketing Conditions:**  
(N/A)

**Certification Note:**  
The timber on this tract is SFI and FSC certified.

**Appraiser:**  
Brian S. Allshouse

(Appraisal ID 14367-0; Cutting Block ID 17157-0, 17127-0, 17153-0)
X016566  COUNTY: PINE  AREA: SANDSTONE AREA  ACRES: 29.6

Permit Number: X016566  Permit Expiration Date: 05/31/2022
Original Sale Date: 05/22/2019 (Sale #2, tract X14)  OTC Purchase End Date: 05/22/2020

NESW, NWSE, NWSW, SENW, SESW, SWNW, SWSE of Section 14; NENW, NWNE of Section 23 - Township 45, Range 17W.

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>PRODUCT</th>
<th>VOLUME</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>$ VALUE</th>
<th>UNIT</th>
<th>$ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>PAPER BIRCH</td>
<td>PULP &amp; BOLTS</td>
<td>380.00</td>
<td>Cd</td>
<td>12.60</td>
<td>4,788.00</td>
<td>12.60</td>
</tr>
<tr>
<td>✓</td>
<td>TREMBLING ASPEN</td>
<td>PULP &amp; BOLTS</td>
<td>315.00</td>
<td>Cd</td>
<td>16.20</td>
<td>5,103.00</td>
<td>16.20</td>
</tr>
</tbody>
</table>

**APPRAISED TOTAL = $ 9,891.00**  
**ADVANCE PAYMENT = $ 1,483.65**  
**BID TOTAL = $ 9,891.00**

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

| ANY LISTED SPECIES | BIOMASS | 344.00 | Tons | 1.00 | 0.00 |

**Mixed Product Description:**

Paper Birch Pulp & Bolts includes: Bolts 50%; Pulpwood 50%.
Trembling Aspen Pulp & Bolts includes: Bolts 40%; Pulpwood 60%.

**Season of Operations:**

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

**Sale Conditions:**

- Access is across State land.

**Marketing Conditions:**

To access timber sale, travel east down the Net lake forest road, turn right (south) on the MLT trail for 1/2 mile, then turn right on the Continental divide trail for 3/4 of a mile. Timber sale is 1/4 south into the swamp from there.

**Certification Note:**

The timber on this tract is SFI and FSC certified.

**Appraiser:**

Jacob Sivertson

(Appraisal ID 14592-0; Cutting Block ID 17047-0)
<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>SPECIES</th>
<th>TOTAL VOLUME</th>
<th>UNIT</th>
<th>AVERAGE UNIT PRICE</th>
<th>APPRAISED $ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOMASS</td>
<td>ANY LISTED SPECIES</td>
<td>312.00</td>
<td>Tons</td>
<td>1.00</td>
<td>312.00</td>
</tr>
<tr>
<td></td>
<td>ANY LISTED SPECIES (optional)</td>
<td>39,024.90</td>
<td>Tons</td>
<td>0.98</td>
<td>0.00</td>
</tr>
<tr>
<td>FUELWOOD</td>
<td>ASH</td>
<td>150.00</td>
<td>Cd</td>
<td>1.00</td>
<td>150.00</td>
</tr>
<tr>
<td></td>
<td>ASH (optional)</td>
<td>225.00</td>
<td>Cd</td>
<td>3.55</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>BUR OAK</td>
<td>1.00</td>
<td>Cd</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td>TAMARACK</td>
<td>3,785.00</td>
<td>Cd</td>
<td>2.55</td>
<td>10,286.00</td>
</tr>
<tr>
<td></td>
<td>TAMARACK (optional)</td>
<td>250.00</td>
<td>Cd</td>
<td>2.50</td>
<td>0.00</td>
</tr>
<tr>
<td>MISCELLANEOUS</td>
<td>BLACK SPRUCE (optional)</td>
<td>70.00</td>
<td>Cd</td>
<td>17.00</td>
<td>0.00</td>
</tr>
<tr>
<td>CORDWOOD</td>
<td>TAMARACK (optional)</td>
<td>80.00</td>
<td>Cd</td>
<td>6.00</td>
<td>0.00</td>
</tr>
<tr>
<td>OFFERED OPTIONAL</td>
<td>ANY LISTED SPECIES (optional)</td>
<td>222.00</td>
<td>Tons</td>
<td>1.00</td>
<td>0.00</td>
</tr>
<tr>
<td>PULP &amp; BOLTS</td>
<td>ASH</td>
<td>6,669.00</td>
<td>Cd</td>
<td>8.09</td>
<td>53,968.42</td>
</tr>
<tr>
<td></td>
<td>ASPEN SPECIES</td>
<td>2,095.00</td>
<td>Cd</td>
<td>17.57</td>
<td>36,218.25</td>
</tr>
<tr>
<td></td>
<td>BALSAM FIR</td>
<td>649.00</td>
<td>Cd</td>
<td>12.48</td>
<td>8,337.87</td>
</tr>
<tr>
<td></td>
<td>BASSWOOD</td>
<td>2,216.00</td>
<td>Cd</td>
<td>7.38</td>
<td>16,183.81</td>
</tr>
<tr>
<td></td>
<td>BLACK SPRUCE</td>
<td>1,970.00</td>
<td>Cd</td>
<td>12.71</td>
<td>31,219.65</td>
</tr>
<tr>
<td></td>
<td>BUR OAK</td>
<td>675.00</td>
<td>Cd</td>
<td>16.31</td>
<td>11,443.75</td>
</tr>
<tr>
<td></td>
<td>JACK PINE</td>
<td>505.00</td>
<td>Cd</td>
<td>10.44</td>
<td>6,037.75</td>
</tr>
<tr>
<td></td>
<td>MAPLE SPECIES</td>
<td>810.00</td>
<td>Cd</td>
<td>11.82</td>
<td>9,194.64</td>
</tr>
<tr>
<td></td>
<td>MIXED SPRUCE</td>
<td>3,012.00</td>
<td>Cd</td>
<td>16.88</td>
<td>49,119.01</td>
</tr>
<tr>
<td></td>
<td>NORTHERN HARDWOODS</td>
<td>377.00</td>
<td>Cd</td>
<td>11.38</td>
<td>3,730.32</td>
</tr>
<tr>
<td></td>
<td>NORTHERN PIN OAK</td>
<td>71.00</td>
<td>Cd</td>
<td>15.85</td>
<td>1,125.35</td>
</tr>
<tr>
<td></td>
<td>NORWAY PINE</td>
<td>1,150.00</td>
<td>Cd</td>
<td>20.43</td>
<td>14,369.30</td>
</tr>
<tr>
<td></td>
<td>OAK SPECIES</td>
<td>363.00</td>
<td>Cd</td>
<td>17.68</td>
<td>5,958.99</td>
</tr>
<tr>
<td></td>
<td>PAPER BIRCH</td>
<td>1,127.60</td>
<td>Cd</td>
<td>11.65</td>
<td>13,454.57</td>
</tr>
<tr>
<td></td>
<td>PINE SPECIES</td>
<td>700.00</td>
<td>Cd</td>
<td>14.98</td>
<td>11,073.50</td>
</tr>
<tr>
<td></td>
<td>RED MAPLE</td>
<td>5.00</td>
<td>Cd</td>
<td>11.70</td>
<td>58.50</td>
</tr>
<tr>
<td></td>
<td>RED OAK</td>
<td>820.00</td>
<td>Cd</td>
<td>15.17</td>
<td>9,748.18</td>
</tr>
<tr>
<td></td>
<td>SILVER MAPLE</td>
<td>120.00</td>
<td>Cd</td>
<td>11.73</td>
<td>1,292.80</td>
</tr>
<tr>
<td></td>
<td>SUGAR MAPLE</td>
<td>205.00</td>
<td>Cd</td>
<td>11.10</td>
<td>2,182.50</td>
</tr>
<tr>
<td></td>
<td>TAMARACK</td>
<td>345.00</td>
<td>Cd</td>
<td>7.03</td>
<td>2,458.90</td>
</tr>
<tr>
<td></td>
<td>TREMBLING ASPEN</td>
<td>745.00</td>
<td>Cd</td>
<td>18.44</td>
<td>13,163.00</td>
</tr>
<tr>
<td></td>
<td>WHITE CEDAR</td>
<td>5.00</td>
<td>Cd</td>
<td>9.00</td>
<td>45.00</td>
</tr>
<tr>
<td></td>
<td>WHITE SPRUCE</td>
<td>55.00</td>
<td>Cd</td>
<td>19.39</td>
<td>1,181.60</td>
</tr>
<tr>
<td></td>
<td>YELLOW BIRCH</td>
<td>28.00</td>
<td>Cd</td>
<td>12.08</td>
<td>338.24</td>
</tr>
<tr>
<td>PULPWOOD</td>
<td>AMERICAN ELM</td>
<td>6.00</td>
<td>Cd</td>
<td>5.20</td>
<td>31.20</td>
</tr>
<tr>
<td></td>
<td>ASH</td>
<td>1,499.00</td>
<td>Cd</td>
<td>6.04</td>
<td>9,201.75</td>
</tr>
<tr>
<td></td>
<td>ASPEN SPECIES</td>
<td>21,126.50</td>
<td>Cd</td>
<td>15.35</td>
<td>217,435.15</td>
</tr>
<tr>
<td></td>
<td>ASPEN SPECIES (optional)</td>
<td>50.00</td>
<td>Cd</td>
<td>12.90</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>BALSAM FIR</td>
<td>3,414.00</td>
<td>Cd</td>
<td>10.49</td>
<td>35,127.50</td>
</tr>
<tr>
<td></td>
<td>BASSWOOD</td>
<td>100.00</td>
<td>Cd</td>
<td>5.73</td>
<td>553.55</td>
</tr>
<tr>
<td></td>
<td>BLACK CHERRY</td>
<td>4.00</td>
<td>Cd</td>
<td>4.55</td>
<td>18.20</td>
</tr>
<tr>
<td></td>
<td>BLACK SPRUCE</td>
<td>3,060.00</td>
<td>Cd</td>
<td>12.74</td>
<td>39,487.95</td>
</tr>
<tr>
<td></td>
<td>BLACK SPRUCE (optional)</td>
<td>85.00</td>
<td>Cd</td>
<td>16.58</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td>BUR OAK</td>
<td>30.00</td>
<td>Cd</td>
<td>12.00</td>
<td>376.80</td>
</tr>
<tr>
<td></td>
<td>IRONWOOD</td>
<td>1.00</td>
<td>Cd</td>
<td>8.40</td>
<td>8.40</td>
</tr>
<tr>
<td></td>
<td>JACK PINE</td>
<td>225.00</td>
<td>Cd</td>
<td>5.53</td>
<td>539.00</td>
</tr>
<tr>
<td></td>
<td>MAPLE SPECIES</td>
<td>1,515.00</td>
<td>Cd</td>
<td>9.76</td>
<td>14,892.24</td>
</tr>
<tr>
<td></td>
<td>MIXED HARDWOODS</td>
<td>255.00</td>
<td>Cd</td>
<td>7.39</td>
<td>1,884.45</td>
</tr>
<tr>
<td></td>
<td>MIXED SPRUCE</td>
<td>1,667.00</td>
<td>Cd</td>
<td>12.70</td>
<td>18,572.51</td>
</tr>
<tr>
<td></td>
<td>NORTHERN HARDWOODS</td>
<td>2,285.00</td>
<td>Cd</td>
<td>8.99</td>
<td>19,047.10</td>
</tr>
<tr>
<td></td>
<td>NORWAY PINE</td>
<td>1,052.00</td>
<td>Cd</td>
<td>6.16</td>
<td>3,526.35</td>
</tr>
<tr>
<td></td>
<td>OAK SPECIES</td>
<td>390.00</td>
<td>Cd</td>
<td>14.80</td>
<td>5,856.00</td>
</tr>
</tbody>
</table>
## SUMMARY FOR INTERMEDIATE AUCTION UNSOLD TRACTS - DATA AS OF 07/25/2019

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>SPECIES</th>
<th>TOTAL VOLUME</th>
<th>UNIT</th>
<th>AVERAGE UNIT PRICE</th>
<th>APPRAISED $ VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER BIRCH</td>
<td>1,548.00 Cd</td>
<td>9.14</td>
<td>14,218.05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAPER BIRCH (optional)</td>
<td>129.00 Cd</td>
<td>6.75</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PINE SPECIES</td>
<td>210.00 Cd</td>
<td>6.98</td>
<td>1,343.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RED MAPLE</td>
<td>434.00 Cd</td>
<td>10.13</td>
<td>4,314.85</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RED OAK</td>
<td>135.00 Cd</td>
<td>16.00</td>
<td>2,160.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SILVER MAPLE</td>
<td>85.00 Cd</td>
<td>9.60</td>
<td>816.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUGAR MAPLE</td>
<td>560.00 Cd</td>
<td>8.15</td>
<td>4,161.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TAMARACK</td>
<td>6,873.00 Cd</td>
<td>4.65</td>
<td>28,773.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TAMARACK (optional)</td>
<td>253.00 Cd</td>
<td>5.85</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TREMLING ASPEN</td>
<td>5,953.00 Cd</td>
<td>15.33</td>
<td>82,880.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TREMLING ASPEN (optional)</td>
<td>10.00 Cd</td>
<td>17.00</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WHITE CEDAR</td>
<td>166.00 Cd</td>
<td>5.00</td>
<td>860.40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WHITE CEDAR (optional)</td>
<td>50.00 Cd</td>
<td>4.80</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WHITE SPRUCE</td>
<td>222.00 Cd</td>
<td>9.42</td>
<td>1,708.90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>YELLOW BIRCH</td>
<td>13.00 Cd</td>
<td>9.35</td>
<td>121.55</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| SAWTIMBER (SOFTWOOD ONLY) | NORWAY PINE | 40.00 MBF | 51.00 | 2,040.00 |
| NORWAY PINE | 55.00 Cd | 43.35 | 2,384.25 |

| WOODSRUN CORDWOOD | AMERICAN ELM | 1.00 Cd | 2.10 | 2.10 |
| ASH | 6.80 Cd | 3.20 | 21.76 |
| ASH (optional) | 30.00 Cd | 7.00 | 0.00 |
| ASPEN SPECIES | 3,001.00 Cd | 12.47 | 15,031.20 |
| BALSAM FIR | 62.10 Cd | 6.00 | 372.60 |
| BLACK SPRUCE | 505.00 Cd | 7.65 | 4,165.00 |
| MAPLE SPECIES | 293.00 Cd | 4.40 | 1,289.20 |
| PAPER BIRCH | 99.00 Cd | 4.86 | 429.90 |
| RED OAK | 10.00 Cd | 10.84 | 108.40 |
| TAMARACK | 84.00 Cd | 2.70 | 222.60 |
| TREMLING ASPEN | 263.00 Cd | 12.17 | 4,292.40 |

| WOODSRUN MIXED PRODUCTS | ASH | 998.00 Cd | 8.49 | 12,534.79 |
| BASSWOOD | 363.00 Cd | 6.66 | 2,416.75 |
| BUR OAK | 54.00 Cd | 16.02 | 865.08 |
| MAPLE SPECIES | 1,131.30 Cd | 9.41 | 12,244.20 |
| NORTHERN HARDWOODS | 226.00 Cd | 6.04 | 1,365.04 |
| NORTHERN PIN OAK | 760.00 Cd | 12.68 | 9,636.80 |
| OAK SPECIES | 115.00 Cd | 11.36 | 1,302.26 |
| PAPER BIRCH | 666.00 Cd | 10.27 | 7,677.32 |
| PINE SPECIES | 330.00 Cd | 14.88 | 6,058.25 |
| RED MAPLE | 770.00 Cd | 13.30 | 10,241.00 |
| RED OAK | 693.00 Cd | 13.65 | 13,509.71 |
| SILVER MAPLE | 150.00 Cd | 19.15 | 2,872.50 |
| WHITE SPRUCE | 13.00 Cd | 8.40 | 109.20 |

| WOODSRUN SAWTIMBER (SOFTWOOD ONLY) | NORWAY PINE | 150.00 Cd | 40.80 | 6,120.00 |
| WHITE PINE | 130.00 Cd | 34.80 | 4,524.00 |

**TOTAL APPRAISED DOLLAR VALUE OF UNSOLD TRACTS:** $942,541.46  
**TOTAL ACRES UNSOLD:** 32,590.2  
**TOTAL NUMBER OF TRACTS UNSOLD:** 160