Bayfield County Forestry & Parks Department

Forester: Andrew O'Krueg

Compartment: 20
Stand: 2,12,20,25

Twp: 51N
Range: 5W
Sec: 34,35

Township: Bayfield

Topography: Gently Rolling, Moderate Slopes

Soil: Sand over clay, Clay

Reforestation Code: N/A

Tract Number: 35-18

Acres: 86

Estimated Volumes

<table>
<thead>
<tr>
<th>Species</th>
<th>4&quot; Roundwood (Cords)</th>
<th>Whole Tree (Tons)</th>
<th>Sawlogs (MBF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixed Hardwood*</td>
<td>1221</td>
<td>3835</td>
<td>27</td>
</tr>
<tr>
<td>Aspen</td>
<td>144</td>
<td>408</td>
<td></td>
</tr>
<tr>
<td>Red Oak</td>
<td>135</td>
<td>455</td>
<td>30</td>
</tr>
<tr>
<td>Balsam Fir</td>
<td>41</td>
<td>184</td>
<td></td>
</tr>
</tbody>
</table>

*Approx. 65% Maple, 30% Basswood, 2% Birch, 2% Ash, 1% Other Hardwood

Special Restrictions:
- Sale sold as a 3 year contract
- Frozen or Dry Ground harvesting only in portions of each unit.
- Unit B: No harvesting spring break-up to July 15th

ECHO VALLEY
HENKENS

RED PAINT LINE
Existing Gaps (22 mapped)
Gaps To Cut (16 total)
Unit A (39 acres)
Unit B (27 acres)
Unit C (20 acres)
Roads
Trails
Dogsled Trails
Powerline
Streams
TRACT 35-18 – HARVEST REQUIREMENTS

The following terms and conditions supplement those provided in the Bayfield County Timber Sale Contract.

A. PRESCRIPTION:
1. Harvest unit A has a seed tree prescription with an estimated average residual basal area of 6 ft².
2. Harvest unit B has a group selection prescription with an estimated average residual basal area of 83 ft².
3. Harvest unit C has an overstory removal prescription with an estimated average residual basal area of 6 ft².

B. HARVEST REQUIREMENTS:
1. In unit A, harvest all hardwood stems and balsam fir 2” and greater.
2. In unit B, there are 100 ft diameter purple painted canopy gaps (8-12 two dot purple painted trees on perimeter facing in towards the gaps) harvest all hardwood and balsam fir stems as well as sever all trees 1” diameter and greater with the purple painted canopy gaps.
3. In unit C, harvest all hardwood stems 4 inches and great not marked with purple paint.
4. In unit A, leave all purple marked trees and leave all conifer except balsam fir.
5. In unit B, leave all conifer except balsam fir.
6. In unit C, leave all conifer and all purple marked trees.

C. OPERATIONAL REQUIREMENTS AND SEASONAL RESTRICTIONS:
1. In unit B, no sale operations permitted between break up and July 15th.
2. If harvest will utilize the whole tree, 1 in 10 tops must be left scattered throughout the sale.
3. Sale operations may only occur when the ground is frozen or exceptionally dry conditions, as determined by Bayfield County, in some portions of each unit.
4. A dog sled trail system affects this sale, as mapped. a) When snow is on the ground, maintain a packed snow base on dog sled trails. b) When snow is on the ground, do not block intersections with snowbanks or berms after plowing. c) on the weekend of the Apostle Islands Sled Dog Race, no hauling will be permitted on any trails used by the race during Saturday or Sunday mornings, as determined by the sale administrator.
5. In 2018, oak wilt was officially confirmed in Bayfield County. Currently, this timber sale is located more than six miles away from the closest known infected tree. However, over the duration of this contract, additional infections could be discovered. If, over the duration of this contract, including extensions, oak wilt is officially confirmed within a six mile radius of this timber sale, as determined by the county, the following seasonal restriction will be applied: no harvesting operations will be allowed between April 15 (or as otherwise determined by the county) and July 15.

D. ACCESS AND ROADS:
1. This contract requires County authorization for all road/landing construction and places a number of other requirements on road construction and closure.
2. Decking of wood along town roads will not be allowed without permission from Bayfield County.

E. OTHER:
1. This sale will be sold as a three (3) year contract.
2. In unit B, avoid skidding or traveling through all existing gaps indicated on the sale map.
3. To comply with Best Management Practices for Invasive Species: Prior to moving equipment onto or off the sale area, scrape or brush soil and debris from exterior surfaces to the extent practical.
4. Minimize damage to advanced regeneration in Unit C.