### 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>Red Oak</td>
<td>1102</td>
<td>3820</td>
<td>192</td>
</tr>
<tr>
<td>Mixed Hardwood</td>
<td>982*</td>
<td>3225*</td>
<td>15**</td>
</tr>
<tr>
<td>Aspen</td>
<td>246</td>
<td>708</td>
<td></td>
</tr>
</tbody>
</table>

*Approx. 56% MR, 21% MH, 19% BY, 2% BW, 1%BA, 1%misc

**Approx. 80% MR, 13% MH, 6%BA, 1% misc

**Special Restrictions:**
- Minimize damage to young trees in Unit 2
TRACT 21-19 – HARVEST REQUIREMENTS

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

A. PRESCRIPTION:
   1. Unit 1: Harvest is a coppice prescription with an estimated average residual basal area of 2 ft\(^2\).
   2. Unit 2: Harvest is an overstory removal with an estimated average residual basal area of 7 ft\(^2\).

B. HARVEST REQUIREMENTS:
   1. Unit 1: Harvest all hardwood 2” in diameter and greater except leave all oak and birch 6” in diameter and smaller. Leave all conifer. Leave all purple painted trees.
   2. Unit 2: Harvest all red oak 4” and larger. Leave all purple painted trees.

C. OPERATIONAL REQUIREMENTS AND SEASONAL RESTRICTIONS:
   1. Sale boundaries: Unit 1 is a mix of red paint line and very young adjacent timber. Unit 2 is bounded with a red paint line.
   2. Minimize damage to small diameter oak and birch in Unit 1.
   3. Minimize damage to young regen in Unit 2.
   4. If harvest will utilize the whole tree, 1 in 10 tops must be left scattered throughout the sale.

D. ACCESS AND ROADS:
   1. Limited new roads may be approved for Unit 1. Unit 2 has adequate existing road infrastructure.
   2. This contract requires county authorization for all road/landing construction and places a number of other requirements on road construction and closure.

E. OTHER:
   1. This sale includes 6 trees that are painted with a purple “X”. Operator must fell and leave all trees marked with a purple “X”. “X” marked trees should be cut above the ring and should lie as close to the high stump as possible. These trees will create ruffed grouse drumming
   2. 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.
   3. 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 Bayfield County, the following seasonal restriction will be applied: no harvesting operations will be allowed between April 15th (or as otherwise determined by the county) and July 15th.