HUNTING BY WRITTEN PERMISSION ONLY

Name
Address

Hunters must have in their possession written permission from the above individual. Failure to do so is a violation of TENN code annotate.
Spring Water
Firewood
Recruitment
Lumber
Spring Water
Tree planting
Hunting lease
Maple Syrup
Stewardship
Hanson Family Forest
Farm #:1006, Tract#:1190
Total project acres: 69.4 acres
Date Created: 10/27/12
By: Kirk Hanson, NW Certified Forestry

Conservation Activity Plan

www.nnrg.org
2001
8 yr old Doug fir
12' - 14'
FOREST STEWARDSHIP PLAN

Landowners:
Kirk Hanson & Ellen Turner
1232 5th Ave. SE
ph: 360-357-6223
kirkhanson@opexonline.com

Property Size:
30.0 acres

Legal Description:
Parcel #: 150512140090
Section 12
Township 15 North
Range 5 West
Willamette Meridian

Property Location:
311 Harp Rd
Oakville, WA
Grays Harbor County

Plan Prepared By:
Kirk R. Hanson, during the Forest Stewardship Coached Planning Workshop, October-December, 1998
• Limed portions of field
• Wildlife hedgerow
• Pollinator habitat
• Bandtailed pigeon forage
• PCT alder
• Riparian cedar planting
Wild Thyme Farm
Riparian Agroforestry System

1. Native spp.
2. Cottonwood/Alder
3. Alder/Ash
4. Currents
5. Hazelnut/Cherry
H. Hedgerow
P. Paddock System
Flood Channel

1. Riparian Agroforestry System

Rotational Pasture | Native Buffer | Stream | Native Buffer | Mixed Native/High-Value | Rotational Pasture
---|---|---|---|---|---

25' | 25' | 50'-125' | 25' | Z3 | Z1 | Z1 | Z2 | Z3
<table>
<thead>
<tr>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Acer circinatum</em></td>
<td>Vine Maple</td>
<td>Shade tolerant&lt;br&gt;Excellent soil-binding roots&lt;br&gt;Forage for browsing animals</td>
</tr>
<tr>
<td><em>Acer macrophyllum</em></td>
<td>Big Leaf Maple</td>
<td>Forage for browsing animals when young&lt;br&gt;Excellent shade producer&lt;br&gt;*seeds attract small mammals</td>
</tr>
<tr>
<td><em>Alnus rubra</em></td>
<td>Red Alder</td>
<td>Great for regenerating disturbed sites&lt;br&gt;Rapid growth&lt;br&gt;*do not plant on stream bank as shallow root system often causes trees to topple, tearing out the banks</td>
</tr>
<tr>
<td><em>Amelanchier spp.</em></td>
<td>Serviceberry</td>
<td>Shade tolerant&lt;br&gt;Forms extensive thickets&lt;br&gt;Food source for wide variety of birds&lt;br&gt;Twigs attractive to browsing animals</td>
</tr>
<tr>
<td><em>Cornus stolonifera</em></td>
<td>Red Osier Dogwood</td>
<td>Shade tolerant&lt;br&gt;Excellent soil-binding roots&lt;br&gt;Food for wildlife</td>
</tr>
<tr>
<td>Corylus cornuta</td>
<td>Hazelnut</td>
<td>Shade tolerant&lt;br&gt;Excellent soil-binding roots&lt;br&gt;Food for wildlife</td>
</tr>
<tr>
<td>Crataegus douglassi</td>
<td>Black Hawthorn</td>
<td>Excellent soil-binding roots&lt;br&gt;Well adapted to disturbed sites&lt;br&gt;Provide food &amp; cover to wildlife, especially birds&lt;br&gt;May repel browsing animals</td>
</tr>
<tr>
<td>Fraxinus latifolia</td>
<td>Oregon Ash</td>
<td>Seeds and twigs are browsed by animals and birds</td>
</tr>
</tbody>
</table>
Ice Storm – Dec 26, 1996
Yarding logs with Farmi winch.
## Wild Thyme Farm: Log Production Detail

**For Logs # 1 through 64**

<table>
<thead>
<tr>
<th>Harvest Date</th>
<th>Log ID</th>
<th>Species</th>
<th>Diam1 (in)</th>
<th>Diam2 (in)</th>
<th>Length (ft)</th>
<th>Pct Yld</th>
<th>Scribner scale</th>
<th>Gross prod</th>
<th>Adjust prod</th>
<th>Gross ratio</th>
<th>Adj ratio</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>09/03/07</td>
<td>1</td>
<td>DF</td>
<td>6</td>
<td>8</td>
<td>12</td>
<td>100</td>
<td>14</td>
<td>24</td>
<td>20</td>
<td>1.71</td>
<td>1.43</td>
<td></td>
</tr>
<tr>
<td>09/03/07</td>
<td>2</td>
<td>DF</td>
<td>8</td>
<td>11</td>
<td>16</td>
<td>100</td>
<td>27</td>
<td>64</td>
<td>57</td>
<td>2.37</td>
<td>2.11</td>
<td></td>
</tr>
<tr>
<td>09/03/07</td>
<td>3</td>
<td>DF</td>
<td>11</td>
<td>13</td>
<td>16</td>
<td>100</td>
<td>63</td>
<td>110</td>
<td>103</td>
<td>1.75</td>
<td>1.63</td>
<td></td>
</tr>
<tr>
<td>09/03/07</td>
<td>4</td>
<td>DF</td>
<td>13</td>
<td>15</td>
<td>16</td>
<td>100</td>
<td>97</td>
<td>156</td>
<td>150</td>
<td>1.61</td>
<td>1.55</td>
<td></td>
</tr>
<tr>
<td>09/03/07</td>
<td>5</td>
<td>DF</td>
<td>15</td>
<td>20</td>
<td>16</td>
<td>100</td>
<td>142</td>
<td>189</td>
<td>182</td>
<td>1.33</td>
<td>1.28</td>
<td></td>
</tr>
</tbody>
</table>

**Tree #1: Doug Fir:** Harvested on 9/3/2007 from Gobbler's Knob; re: Windzilla-felled, probably root-rot

<p>| | | | | | | | | | | | | |</p>
<table>
<thead>
<tr>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Summary for Tree # 1</strong></td>
<td>(5 log sections)</td>
<td>76</td>
<td>343</td>
<td>543</td>
<td>512</td>
<td>1.58</td>
<td>1.49</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
Figure 1. - Diagram showing the number of 1-inch boards that can be cut from a specific log.

Figure 11. - The scaling cylinder of a log—Scribner Decimal C rule.
# Lumber Finances

**Wild Thyme Farm - Analysis of Wood Processing Cost/Profitability**

<table>
<thead>
<tr>
<th>Item</th>
<th>ORIGINAL</th>
<th>STARTUP</th>
<th>VOLUME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stumpage (Landowner)</td>
<td>$0.40</td>
<td>$0.50</td>
<td>$0.40</td>
</tr>
<tr>
<td>Logging &amp; Log Transport</td>
<td>$0.40</td>
<td>$0.50</td>
<td>$0.40</td>
</tr>
<tr>
<td>Primary Milling</td>
<td>$0.50</td>
<td>$0.50</td>
<td>$0.35</td>
</tr>
<tr>
<td>Facility Lease</td>
<td>$0.20</td>
<td>$0.50</td>
<td>$0.40</td>
</tr>
<tr>
<td>Secondary Processing</td>
<td>$0.25</td>
<td>$0.50</td>
<td>$0.35</td>
</tr>
<tr>
<td>Sales &amp; Marketing</td>
<td>$0.25</td>
<td>$0.50</td>
<td>$0.30</td>
</tr>
<tr>
<td><strong>TOTAL COST OF GOODS</strong></td>
<td><strong>$2.00</strong></td>
<td><strong>$3.00</strong></td>
<td><strong>$2.20</strong></td>
</tr>
<tr>
<td><strong>Sales Price (Average Retail)</strong></td>
<td><strong>$3.00</strong></td>
<td><strong>$3.00</strong></td>
<td><strong>$3.00</strong></td>
</tr>
<tr>
<td><strong>Net Profit</strong></td>
<td><strong>$1.00</strong></td>
<td><strong>$0.00</strong></td>
<td><strong>$0.80</strong></td>
</tr>
</tbody>
</table>
Red Alder S4S trim labeled for retail sale
100%
From well-managed forests
www.fsc.org  Cert no.
© 1996 Forest Stewardship Council
W. Red Cedar bevel siding and trim
Barn door with rough "green" Doug Fir
Diverse Forests = Diverse Values

- Firewood
- Recreation
- Edibles
- Medicinals
- Cost-share
- Wildlife
- Furniture
- Crafts
- Clean water
- Hunting leases
- Lumber
- FSC
- Carbon