MATAWEYU TREE FARM-Addison
“it extends out into the water”

Owners: Roger & Judy Clapp
Acreage: 262
MATAWEYU TREE FARM
Main reasons for ownership of woodland

- Privacy
- Enjoyment of “taking care of the woods” (Thinning, pruning, removing dead and dying)
- Health benefit “Good for blood pressure”
- Improving the woods by practicing multi-resource management (Tree Farm = Wood, Water, Recreation, Wildlife)
- Investment (They’re not making any more of it)
- Income from wood harvesting is low priority, protecting or improving AESTHETICS or BEAUTY of the property is more important.
“There is nothing I like more than going out and admiring my white pines”

“I get a lot of enjoyment out of taking my grandkids on hikes to see the large trees.”

-Roger Clapp
How I prepared/planned to manage my property

- Small Woodland Owners Association of Maine (SWOAM), newsletters and chapter meetings
- Adult Education Woodlot Management Course - Maine Forest Service
- Walk and Talk with MFS District Forester
- Worked with consulting forester Teresa Davis to have a forest management plan prepared for the property
- Study different objectives landowners have for their land and options to meet those objectives
- Research different loggers and their logging operations
Property purchased 2002, Written Forest Management Plan prepared by Consulting Forester Teresa Davis 2007

A forest management plan is a written document that outlines:

- Landowner goals and objectives
- Current condition of the woodland and potential for future benefits
- Possible actions to achieve landowner objectives
- Environmental laws that may apply
MATAWEYU TREE FARM
Landowner Objectives

• Improve the health and vigor of their forest stands.
• Harvest wood on a sustained basis.
• Protect aesthetic value of the property especially along the driveway and house.
• Practice Timber Stand Improvement in overcrowded small pole stands.
• Enhance and/or protect wildlife habitat.
• Protect soil and water resources.
• Add more hiking trails through time.
48 sample points taken to estimate timber volume on property. Forester also looks at non timber resources while conducting the inventory.
Inventory Results

Timber Volume and Stumpage Value:

**PULPWOOD**

<table>
<thead>
<tr>
<th>Species</th>
<th>Cords/Acre</th>
<th>Cords/Stand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balsam fir</td>
<td>4.0</td>
<td>920.0</td>
</tr>
<tr>
<td>Red spruce</td>
<td>5.0</td>
<td>1150.0</td>
</tr>
<tr>
<td>Red maple</td>
<td>4.0</td>
<td>920.0</td>
</tr>
<tr>
<td>White birch</td>
<td>1.5</td>
<td>345.0</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>14.5</strong></td>
<td><strong>3335.0</strong></td>
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</tbody>
</table>

**STUDWOOD**

<table>
<thead>
<tr>
<th>Species</th>
<th>Tons/Acre</th>
<th>Tons/Stand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balsam fir</td>
<td>1.0</td>
<td>230.0</td>
</tr>
<tr>
<td>R. &amp; w. spruce</td>
<td>4.2</td>
<td>966.0</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>5.2</strong></td>
<td><strong>1196.0</strong></td>
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</table>

**SAWLOGS**

<table>
<thead>
<tr>
<th>Species</th>
<th>MBF /Acre</th>
<th>MBF /Stand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spruce</td>
<td>1.800</td>
<td>414.000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1.800</strong></td>
<td><strong>414.000</strong></td>
</tr>
</tbody>
</table>
Management Plan Recommendations

- Follow shoreland zoning regulations along shore and wetlands.
- Create mini clearcuts on acreage where overstocked pole stands are present and trees are incapable of responding to release due to poorly formed crowns.
- Implement a single tree or small group selection harvest in other areas to remove the poorest quality wood.
- Between Port’s Harbor and the house site harvest most mature trees, no more than 10%.
- Target the removal of dead and dying balsam fir.
- Release quality crop trees.
- Leave wildlife trees.
- Operate when the ground is frozen or dry.
- Create clearings around white pine to encourage regeneration.
Planning Complete, Time to Implement the Plan

- Waited 3 years due to ground conditions, markets, and available loggers. **BE PATIENT!**
- Harvested Summer 2010
Whole Tree Harvest
Whole Tree Harvest

Feller Buncher
Whole Tree Harvest

Grapple Skidder
Whole Tree Harvest

Delimber
Whole Tree Harvest

Spruce and Fir Pulpwood being loaded onto truck
Whole Tree Harvest

Biomass being chipped into truck
“I was pleased that I was helping the forest products industry” – Roger Clapp

Over the 11 week harvest 5 different products went to 6 different mills.
Delivery points for wood harvested on Mataweyu Tree Farm

HC Haynes Wood Yard
Fraser Papers Masardis Lumber Mill
Pleasant River Lumber
Woodland Pulp LLC
Indeck Maine Energy LLC
Verso Bucksport
Clapp Harvest

Directly supplied wood to markets that employ over 1200 people
MATAWEYU TREE FARM
Next Steps

• Conservation easement w/US F&WS and Maine DIF&W
• Timber Stand Improvement (TSI)
• Salvage blowdowns
• Plant for aesthetics and wildlife (oak, beech, tamarack, hemlock)
• Trail construction and maintenance

Questions or Comments?