

T O W N O F F A I R L E E

The preceding two sheets include some volume estimates on 5 pieces of land belonging to John Lange and included in the towns aquisition for the HCRS program.

The total acreage looked at was 265 acres and the total merchantable volume is about 500,000 board feet of hardwood and softwood timber. In addition, most of the land would have 6-7 cords of firewood per acre. As a rough estimate, the value of sawtimber would be \$50/MBF or \$25,000 and the value of firewood about \$5/cord or \$8,612.

However, taking in consideration the intent and future use of these parcels the amount which should be harvested would be considerably less. All of the parcels should be cut for firewood as soon as practical. This would improve the growth of timber present on the site, improve the aesthetics and at the same time produce some trails for hiking, hunting, and cross-country skiing. The timber should be harvested in a conservative manner taking into consideration aesthetics and proper wildlife management. Probably only 150-160 MBF should be harvested within the next 10 years.

In addition to the above 5 tracts, there is a 500 acre piece which has been logged off within the last 10 years. I would not expect much timber to be harvested off this piece for 15-20 years. However, it could produce 5-6 cords of firewood of a majority of the acreage and some areas could be cut heavier for wildlife management purposes.

Russell Barrett
Orange County Forester

February 19, 1980

RB:sl



State of Vermont

AGENCY OF ENVIRONMENTAL CONSERVATION

Department of Fish and Game
Department of Forest and Parks
Department of Water Resources
Environmental Board
Division of Environmental Engineering
Division of Environmental Protection
Division of Recreation
Division of Planning
Natural Resources Conservation Council

Montpelier, Vermont 05602
DEPARTMENT OF FORESTS AND PARKS

P. O. Box 141
Chelsea, Vermont 05038

August 2, 1978

John Lange
Fairlee
Vermont 05045

Dear Mr. Lange,

The following are estimates of merchantable volume on your two parcels of land north of the Fairlee Town Forest in Fairlee.

The 73 Acre former Willard lot:

White Pine	200 Mbf.
Red Oak	50 Mbf.
Hemlock	25 Mbf.
White Birch	5-10 Mbf.
	<u>280 Mbf.</u>

The 87 Acre former Mason Stratton land:

White Pine	50. Mbf.
Red Oak	50. Mbf.

Total on 161 Acres = 380,000 *30%

A proper harvest would call for the removal of 1/4 to 1/3 of this volume.

Sincerely,

Russ Barrett

Russ Barrett
Orange County Forester

rp/RB

John Lange
Fairlee
Vermont 05045

Dear Mr. Lange:

The following are estimates of merchantable volume
on the 3 parcels we looked at last week.

40 Acre Lot: -- Only 13-20 acres merchantable

Sugar Maple	-	13,200	Bd. ft.
Oak	-	9,500	
Hemlock	-	6,800	
Birch	-	2,700	
Pine	-	900	
		<u>33,200</u>	Bd. ft.

15 Acre Lot:

Red Oak	-	33,370	Bd. ft.
W. Oak	-	1,500	
Hemlock	-	4,000	
		<u>37,870</u>	Bd. Ft.

50 Acre Lot: -- 15-25 acres merchantable

Sugar Maple	-	19,000	Bd. Ft.
Ash	-	3,500	
Birch	-	5,000	
*Other -			
(Scattered)	-	15,000	
		<u>51,500</u>	Total Bd. Ft.

*Other -- mostly oak and hemlock.

NOTES:

40 Acre Lot -- Harvest in conjunction with deer yard
improvement. Should be done within
next 5 years. Harvest 20 MBF and
firewood.

15 Acre Lot -- Should be harvested within next 5 years.
Remove 25,000' + firewood.

50 Acre Lot -- Could be harvested in 5-10 years. Remove
20-25 MBF.