

TOWN OF FAIRLEE

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

Montpelier, Vermont 05602
DEPARTMENT OF FORESTS AND PARKS

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

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.
280 Mbf.

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 (handwritten signature)

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 15-20 acres merchantable

Sugar Maple	-	13,200	bd. ft.
Oak	-	9,500	
Hemlock	-	6,800	
Birch	-	2,700	
Pine	-	900	
		<u>33,282</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 Firwood.
- 15 Acre Lot -- Should be harvested within next 5 years. Remove 25,000' + Firwood.
- 50 Acre Lot -- Could be harvested in 5-10 years. Remove 20-25 MBF.

FOREST MANAGEMENT  
ON FAIRLEE HCRS PROJECT

Forest land on the proposed HCRS Project will be managed under a multiple use management plan developed by the Orange County Forester.

The plan will incorporate sound forestry practices in order to enhance the four types of recreation activities planned for the land, namely:

*Hunting, Hiking, Snowmobiling and Ski Touring*

1) HUNTING -

The primary species hunted in Vermont are white tailed deer, snowshoe hare and ruffed grouse. All three species need a diversification of habitat. Timber cutting on the HCRS project will maintain, and where necessary, create this diversification of habitat. Before cutting, the forester will consult with the Vermont Fish and Game Department.

2) HIKING, SNOWMOBILING AND SKI TOURING -

As mentioned earlier in the plan, new trails will be created in connection with logging operations. Through proper planning, a continuous network of roads and trails can be created to accommodate all levels of hikers, snowmobilers and skiers. The forester will consult with the Vermont Recreation Department for assistance in laying out these trails and roads.

*As submitted & approved*  
*also see page 7 of plan for*  
*management of Rec Act of HCRS project*  
*As submitted & approved,*

*Attached are reports by*  
*County Forester re current & future*  
*operations.*