

ORDER OF SAINT BENEDICT □ TIMBER HARVEST PLAN

STAND NAME	COMPARTMENT and STAND NUMBERS				ACRES
Oak Shelterwood	218				3
LEGAL DESCRIPTION	SEC	TOWNSHIP	COUNTY	PROPOSED HARVEST DATES	
Part of NW 1/4	6	St. Joseph	Stearns	January 2007 – March 2007	

CURRENT CONDITIONS

This stand has many high quality red oak and other northern hardwoods. It is over 110 years old and the stand is showing some wear. It adjoins the edge of the tower sports fields. The Pioneer Road is on the north and a woods trail is on the east. There is a thin strip of northern hardwoods between this stand and the wetland.

CUTTING REGULATIONS, UTILIZATION STANDARDS, BMPS, AND SLASH DISPOSAL REGULATIONS


- Fell or girdle stems marked with red paint. This is a Shelterwood cut. The stand is being managed for oak. Younger maple and other pole size trees are not crop trees and no extra care is needed to protect them during the felling or skidding. All oak and all other large trees over 8" not marked with red paint should be considered crop trees and protected. Use directional felling to minimize damage to the crop trees.
- Use all merchantable wood to the extent that utilization will not negatively affect valuable crop trees. As needed, do some bucking in the woods to create shorter logs for skidding.
- Cut all slash to within 36 inches of the ground. Firewood cutters will be allowed into this area.
- Leave standing all snags that are not a safety hazard.
- Avoid skidding or landing on the clay piles used for the pottery. (Located just outside the stand.)
- The pottery has permission to harvest poles less than 4 inches in diameter prior to the main harvest.

There is a thin strip of northern hardwoods between this stand and the wetland. That is another stand and is marked with yellow paint to indicate that the existing regeneration is important. Do not skid or fell trees into that area. See that prescription for details.

- Snags and trees marked with a W are to be left for wildlife habitat unless they present a safety hazard.
- Trees marked with a G should be girdled and left standing for future snags.
- Trees marked with a B are skid trail bumper trees. Fell and remove at the end of operations in that area.

SPECIES	PRODUCTS	CORDS	MBF	PIECES	EST. PRICE	EST. VALUE
Red oak	Sawlogs (50% #1 and Btr)		4.380		\$500	\$2,190
White oak	Sawlogs		0.000		\$500	\$0
Sugar maple	Sawlogs		1.300		\$350	\$455
Red maple	Sawlogs		0.880		\$400	\$352
Basswood	Sawlogs		0.360		\$300	\$108
Green / White Ash	Sawlogs		0.000		\$300	\$0
			0.000		\$300	\$0
		0			\$115	\$0
Hardwood	Pallet bolts >10"	7			\$115	\$770
Hardwood	Minibolts >7"	6			\$90	\$575
Hardwood	Fuelwood	17			\$40	\$694
TOTAL VOLUME		30	6.920	0	TOTAL VALUE	\$5,145

ALLOWABLE HARVEST LEVEL

 Certified Wood (SW FM/COC 108) Estimated harvest volume is 3,985 cubic feet of live wood from 40,311 cubic feet of annual allowable harvest. (Based on conversion factors of 176.58 cubic feet per MBF and 92 cubic feet of wood per cord.)

FOREST MANAGEMENT PLANS

This site will be managed for oak. The purpose of this Shelterwood harvest is to create densities and sunlight favorable to oak seedlings. Following harvest, the site will be regenerated to oak using natural seeding and planting.