

COUNTY FOREST COMPREHENSIVE LAND USE PLAN

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CHAPTER 1000

NEEDS

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1000 OBJECTIVE AND FORMAT

Objectives:

To provide guidelines which define the optimum level of activities that should be undertaken to achieve full potential benefits from the forest.

Format and Policy:

Needs for the county forest shall be listed without regard to budgetary constraints or other limitations. This list shall identify the forest potential in terms of public benefits, investments or opportunities, and financial returns. Silvicultural needs of the county forest are identified in the Forest Compartment Reconnaissance printout. The DNR Public Lands Handbook describes procedures for use of this information. Other needs shall be determined by the Committee and the forest administrator, with technical assistance from the DNR and other interested agencies or individuals qualified to provide such assistance.

1100 DETAILED ANNUAL NEEDS FOR FIFTEEN YEARS

Annual silvicultural needs are identified in the Forest Compartment Reconnaissance printout. The printout, referenced in the plan, is available in the County Forest administrator's office. Printout listings include timber harvests, tree planting, and other silvicultural activities. Other unanticipated needs will be addressed in accordance with procedures outlined in this plan. These items will be identified and plans made for implementation, as part of the annual budget work plan prepared by the administrator and Committee. Annual work plans are approved by the County Board and forwarded to the DNR as required by statute (s. 28.11(5)(b) and s.28.11(5m)(b), Wis. Stats.

1200 SUMMARY OF FIFTEEN YEAR NEEDS

A schedule giving a summary of silvicultural needs and other needs for the period covered by this plan, appear as an inclusion in this chapter.

1200.1 TIMBER SALE ESTABLISHMENT SCHEDULE

The location of the stands to be harvested is generated by the computer from reconnaissance data. Information is added to the data all year long. In December a new schedule is requested for planning the following year. The program 12b is the computer generated program used for selecting stands for a particular year. This information is available at the Black River Falls DNR office or the Jackson County Forestry office.

1200.1.1 REGENERATION HARVESTS

YEAR	Acres by Forest Type						
	Aspen	Oak	Jack Pine	Red Pine	White Pine	Red Maple	TOTAL
2006	40	1530	480	90	280	60	2480
2007	40	1025	330	20	35	0	1450
2008	15	1105	330	0	0	0	1450
2009	110	530	1000	0	15	0	1655
2010	150	980	330	55	15	55	1585
2011	30	920	470	0	0	30	1450
2012	20	1010	320	0	60	40	1450
2013	230	430	730	0	80	30	1500
2014	40	1000	410	0	0	0	1450
2015	480	470	320	45	55	80	1450
2016							
2017							
2018							
2019							
2020							
TOTAL	1155	9000	4720	210	540	295	15920

Note: Acreages listed above are preliminary figures based on stand age information. Actual acres cut in a given year will depend on verification of need by field inspection, the application of alternative or modified harvest practices, and on personnel availability to do the work.

*In 2005 there was 5,596 acres of oak scheduled for harvest. The vast majority of these acres were not harvested. Of the 5,596 acres, 2,120 acres are scheduled between 2006 and 2015. The remaining balance will be rescheduled for the years 2015 through 2020. There are constraints on some of the species in the chart. Oak has a 20 year late. Jacks Pine has a 5 year early and a 10 year late. Both white pine and red pine have a 5 year early and a 5 year late.

The statutory planning period requirements were changed from ten, to fifteen years, just prior to adoption of this plan. Computer projections of harvests are currently only able to schedule ten years into the future . Consequently, harvest projections for the last five years of the plan will be added to the plan after five years or when upgrades to existing technology provide for it. Harvest activity during the last five years of this plan is not expected to change significantly from the levels depicted for the first ten years of the plan.

1200.1.2 COMMERCIAL THINNINGS

YEAR	Acres by Forest Type					
	Aspen	Oak	Red Pine	White Pine	Red Maple	TOTAL
2006	140	180	215	280	0	815
2007	0	0	430	160	0	590
2008	0	0	165	0	0	165
2009	0	160	80	110	0	350
2010	0	0	340	455	20	815
2011	0	0	490	20	0	510
2012	0	0	215	110	0	325
2013	0	0	570	40	10	620
2014	0	0	800	110	0	910
2015	0	50	300	50	0	400
2016						
2017						
2018						
2019						
2020						
TOTAL	140	390	3605	1335	30	5500

Note: These figures have been taken directly from the forest reconnaissance data and have not been verified by field inspection. It is not likely that aspen or swamp hardwoods (soft maple and white birch) will be commercially thinned. It is likely that more acres are available for commercial thinnings of oak. Also, commercial thinning acres of red pine and white pine may, in fact, require non-commercial thinning in order to allow the stands to develop to a commercial size.

1200.2

SITE PREPARATIONS FOR PLANTING & SEEDING

YEAR	Acres by Species to be Planted	
	Jack Pine	Red Pine
2006	80	30
2007	80	30
2008	80	30
2009	80	30
2010	80	30
2011	80	30
2012	80	30
2013	80	30
2014	80	30
2015	80	30
2016	80	30
2017	80	30
2018	80	30
2019	80	30
2020	80	30
TOTAL	1200	450

Note: These figures are based on consideration of acres already harvested which will need site preparation work, and on an estimate of future harvest acres which will need site preparation.

Site preparation is normally done about three to four years following harvest, after a determination that natural regeneration is not adequate. Normally, about fifty percent of harvested jack pine stands regenerate adequately through natural seeding. The remaining fifty percent will be prepared for seeding or planting. About half will be planted or seeded to jack pine. The other half will be planted to red pine.

1200.3 PLANTING/SEEDING

YEAR	Acres by Species to be Planted	
	Jack Pine	Red Pine
2006	40	80
2007	80	30
2008	80	30
2009	80	30
2010	80	30
2011	80	30
2012	80	30
2013	80	30
2014	80	30
2015	80	30
2016	80	30
2017	80	30
2018	80	30
2019	80	30
2020	80	30
TOTAL	1160	500

Note: These figures are based on an estimates used to arrive at site preparation figures in table 1200.2. All seeding and planting is scheduled for the year following site preparation. In some cases it may occur in the same year, or concurrent with site preparation. Exact detail is not possible due to variables such as site conditions, weather, etc.

ROADS/TRAILS

(M = Maintenance, D = Development)

YEAR		ROAD/TRAIL CLASS BY MILES													
Year	Co. Forest		Parks Hiking/Biking		Snow Trails		ATV Trails		Motorcycle only Trails		Wildf. Mgmt. ManMad e		Nature Trails or Corridors		
	M	D	M	D	M	D	M	D	M	D	M	D	M	D	
2006	9.5	0	8	0	278	0	65.5	0	16.5	0	3	1.5	0	0	
2007	9.5	0	8	0	278	0	65.5	0	16.5	0	3	1.5	0	1	
2008	9.5	0	8	1	278	0	65.5	0	16.5	0	3	1.5	1	0	
2009	9.5	0	9	0	278	0	65.5	0	16.5	0	5	1.5	1	0	
2010	9.5	0	9	1	278	0	65.5	0	16.5	0	5	1.5	1	1	
2011	9.5	0	10	0	278	0	65.5	0	16.5	0	5	1.5	2	0	
2012	9.5	0	10	0	278	0	65.5	0	16.5	0	5	1.5	2	0	
2013	9.5	0	10	0	278	0	65.5	0	16.5	0	7	1.5	2	0	
2014	9.5	0	10	0	278	0	65.5	0	16.5	0	7	1.5	2	0	
2015	9.5	0	10	0	278	0	65.5	0	16.5	0	7	1.5	2	0	
2016	9.5	0	10	0	278	0	65.5	0	16.5	0	7	1.5	2	0	
2017	9.5	0	10	0	278	0	65.5	0	16.5	0	7	1.5	2	0	
2018	9.5	0	10	0	278	0	65.5	0	16.5	0	7	1.5	2	0	
2019	9.5	0	10	0	278	0	65.5	0	16.5	0	7	1.5	2	0	
2020	9.5	0	10	0	278	0	65.5	0	16.5	0	7	1.5	2	0	

Notes on Roads and Trails:

1. County Forest Roads are expected to stay the same unless a need develops in the future or if a township abandons a current road that has access to the county forest.
2. Park Road development is proposed for the Wazee Lake Recreation area to provide access from existing roads to a modern campground facility to be developed at the same time.

3. Wildlife management trails will be developed annually using timber sale access roads, either newly constructed or previously constructed by timber contractors. The old trail may no longer be maintained if they become part of the forest or if they are not benefiting to wildlife.

4. Nature trails may be developed in the Wazee Lake Recreation area and/or Arbutus Parks. Nature trails will also include corridor habitat for barrens and grasslands. They serve as connectors between blocks of open landscapes and are valuable as fire breaks.

1200.5 EQUIPMENT PURCHASES

EQUIPMENT PURCHASES.

Year	Pickups	Dumps	Dozer/Cleat Track	SkidSteer	Tractor	Disk	Skidder
2006	0	0	1	0	0	1	0
2007	1	0	0	1	0	0	0
2008	1	1	1	0	1	0	0
2009	1	0	0	0	0	0	0
2010	1	1	0	0	0	0	0
2011	1	0	0	0	0	0	0
2012	1	0	0	0	0	0	1
2013	1	1	0	0	0	0	0
2014	1	0	0	0	0	0	0
2015	1	1	0	0	0	0	0
2016	1	0	1	0	0	0	0
2017	1	0	0	0	0	0	0
2018	1	0	0	0	0	0	0
2019	1	1	0	0	0	0	0
2020	1	0	0	0	0	0	0

1200.6 PERSONNEL

PERSONNEL (Permanent)

Year	Forestry	Parks	Trails	Office
2006	4+	2.75	1.5	1
2007	4+	2.75	1.5	1
2008	5	3.75	1.5	1
2009	5	3.75	1.5	1
2010	5	3.75	1.5	1
2011	5	3.75	1.5	1
2012	5	3.75	1.5	1
2013	5	3.75	1.5	1
2014	5	3.75	1.5	1
2015	5	3.75	1.5	1
2016	5	4	1.5	1
2017	5	4	1.5	1
2018	5	4	1.5	1
2019	5	4	1.5	1
2020	5	4	1.5	1

Notes on Personnel:

1. Evaluate need for additional Forester in 2008
2. Additional staff in Parks with Park expansion project
3. + in Forestry is for LTE 600-1200 hours per year

Note: The best available information has been used in developing the schedule. It is not intended to be followed without modification. Forests are dynamic and managers must be adaptive to change. Funding and staffing shortfalls may also impact the ability of Jackson

Forestry Department to fulfill identified needs. Refer to Chapter 2000 – Annual Work Planning, for reference on progress towards the identified needs in this chapter.

1200.7 RECREATION FACILITIES

(M=Maintenance, D=Development)

Year	Campsites		Shelters		Vault Toilets		Flush Toilet/Shower	
	M	D	M	D	M	D	M	D
2006	260	30	4	0	14	0	3	1
2007	290	0	4	1	14	0	4	0
2008	290	50	5	0	14	-1	4	2
2009	340	0	5	0	13	0	6	0
2010	340	0	5	0	13	0	6	0
2011	340	0	5	0	13	0	6	0
2012	340	0	5	0	13	-1	6	1
2013	340	0	5	0	12	0	7	0
2014	340	0	5	0	12	0	7	0
2015	340	0	5	0	12	0	7	0
2016	340	0	5	0	12	0	7	0
2017	340	0	5	0	11	-1	8	0
2018	340	0	5	0	11	0	8	0
2019	340	0	5	0	11	0	8	0
2020	340	0	5	0	11	0	8	0

1200.8 SURVEYING

Jackson County will need to resurvey T.21N. – R1E. Bear Bluff (N) Township because it was never completed in the 30's. This project could take a number of years and considerable amount of money, thus it will depend on grants and other resources yet to be known as to when this survey will be completed.