

COUNTY FOREST COMPREHENSIVE LAND USE PLAN

TABLE OF CONTENTS

Rev. 10/12/20

CHAPTER 2000

PLANNING, REPORTS, BUDGET

<u>Section</u>	<u>Subject</u>	<u>Page</u>
2000	NEEDS OBJECTIVE AND FORMAT.....	2000-3
2005	DETAILED ANNUAL NEEDS FOR FIFTEEN YEARS	2000-3
2010	SUMMARY OF FIFTEEN-YEAR NEEDS	2000-3
2015	WORK PLAN OBJECTIVE AND POLICY	2000-6
2020	ANNUAL WORK PLAN AND BUDGET.....	2000-6
2025	ACCOMPLISHMENT REPORTS OBJECTIVE AND POLICY.....	2000-6
2030	ANNUAL ACCOMPLISHMENT REPORTS.....	2000-7
2035	PAST ACCOMPLISHMENTS.....	2000-7
2035.1	FOREST PRODUCTS	2000-7
2035.1.1	Timber	2000-7
2035.2	REFORESTATION.....	2000-10
2035.3	TIMBER STAND IMPROVEMENT.....	2000-11
2035.4	RECREATIONAL DEVELOPMENTS.....	2000-12
2035.5	WILDLIFE PROJECTS	2000-13
2040	MONITORING.....	2000-14
2040.1	FOREST TYPES	2000-14
2040.2	HARVESTING.....	2000-14
2040.3	FLORA / FAUNA.....	2000-18
2040.4	RECREATIONAL USE.....	2000-18

2040.5	HIGH CONSERVATION VALUE FOREST AREAS	2000-18
2040.6	ROADS & ACCESS	2000-18
2040.7	OTHER	2000-18

2000 NEEDS 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.

2005 DETAILED ANNUAL NEEDS FOR TEN 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.

2010 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.

PRICE COUNTY FOREST SUMMARY OF 15-YEAR MAJOR NEEDS: 2021-2035

PLAN																
SECTION	FUNCTIONS & UNITS	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
	225 PERSONNEL															
	225.1 Employees	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	230 EQUIPMENT															
	Dump Truck	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	Planter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4 Wheel Drive Pickup	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Dozer	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Tractor and Loader	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Trailer, Dozer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Lawn Mower	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	4 Wheeler	1	0	1	0	0	1	0	0	0	0	1	0	0	0	0
	Snowmobile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	230.1 MAINTENANCE															
	Forestry Shop: Each	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	410 LAND ACQUISITION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	415 ENTRY OF LANDS; AC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	420 WITHDRAWALS; AC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	425 LAND SURVEYING: CORNERS	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
510	* TIMBER HARVEST: TOTAL AC	2080	2080	2080	2080	2080	2080	2080	2080	2080	2080	2080	2080	2080	2080	2080
	Aspen Acres	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080
	Northern Hardwoods; AC	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700
	Other Species	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300

*Fifteen-year averages based on 40 year aspen rotation age, 15 year northern hardwood selection harvest cycle and thinning/rotation ages from the WI DNR for other species.

PRICE COUNTY FOREST SUMMARY OF 15-YEAR MAJOR NEEDS: 2021-2035

PLAN		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
SECTION	FUNCTIONS & UNITS															
515	FOREST EST. & IMPROVEMENT															
	Reforestation: Total Ac	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
	Hand Planting: Ac	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
	Alder Shearing for Aspen: Ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Aerial Photo Set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Release: Ac	70	50	0	50	0	50	0	50	0	50	0	50	0	50	0
	Non. Comm. Thinning TSI: Ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Access Upgrade	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
520	RECREATION															
	Flush Toilet	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Campgrounds: each	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Picnic Area: each	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Designated Trails:															
	Snowmobile: each	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ski Trails: each	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	ATV Trails: each	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
535	WILDLIFE															
	Openings-Maintenance AC	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	Openings-Construction AC	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Flowages-Maintenance	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Gates	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Trails-Maintenance Miles	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	Trails-Construction Miles	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
700	ROADS															
	Construction: Miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Maintenance: Miles	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
740	SIGNS: Purchase & constructed as needed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: The “Needs” schedule is put together for planning purposes. 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 Price County Forestry Department to fulfill identified needs. Refer to Chapter 2020 – Annual Work Plan and Budget, for reference on progress towards the identified needs in this chapter.

2015 WORK PLAN OBJECTIVE AND POLICY

OBJECTIVE

To develop an annual work plan and budget that will satisfy the needs specified in Chapter 1000 to the greatest extent feasible, consistent with program priorities established in the Mission Statement.

POLICY

The County Forest program will sustain a level of operation that considers the needs of the forest and the public in accordance with the goals identified in Chapter 100.

2020 ANNUAL WORK PLAN AND BUDGET

Each year an Annual Work Plan and Budget shall be prepared by the forest administrator with assistance from the Committee and the DNR liaison forester. This plan shall be based upon the detailed annual needs contained in Section 1100 of the Plan. Annual work plans are approved by the County Board and forwarded to the DNR as required by Wisconsin statutes s. 28.11(5)(b) and s.28.11(5m)(b). Following County Board approval, a copy is provided to official copy-holders of the County Forest Comprehensive Land Use Plan for inclusion as an amendment in this chapter.

Annual Reports and Work plans are kept in a separate binder in the forestry and parks dept office.

2025 ACCOMPLISHMENT REPORTS OBJECTIVE AND POLICY

OBJECTIVE

To provide a quantifiable means of evaluating progress on both short- and long-term goals on the Price County Forest.

POLICY

Annual accomplishments will be recorded as a historical record, to assist in future planning, and to provide documentation for both the County, and the County Forest system. This information is invaluable in addressing public, County Board, and other legislative inquiries on the operation of the Forest as well as assessing progress on goals.

2030 ANNUAL ACCOMPLISHMENT REPORTS

A copy of an annual accomplishment report shall be prepared and provided to members of the County Board and to official copyholders of this Plan for inclusion into this chapter.

This report shall include, at a minimum, the following:

1. Timber sale accomplishments including gross and net sale receipts and harvest goals achieved.
2. Timber stand improvements accomplishments.
3. Recreation development and maintenance accomplishments including recreation revenues and expenses.
4. Wildlife management accomplishments including revenues and expenses.
5. Fisheries management accomplishments including revenues and expenses.
6. Other accomplishments identified as “needs” in Chapter 1000.

2035 PAST ACCOMPLISHMENTS

2035.1 FOREST PRODUCTS

2035.1.1 Timber

Price County Forest Timber Production by Year

Year	Closed Sales			Wood Volumes Billed – Active Sales			
	# of Sales	Acres	Sale Value	MBF	Cords	Total Cord Equivalent	Sale Value
1996	18	1160	\$303,115.58				\$253,825.20
1997	19	1254	\$270,715.50	136	21,354	21,653	\$404,992.52
1998	22	1182	\$467,191.88	130	19,725	20,011	\$409,096.04
1999	19	860	\$345,775.65	139	17,615	17,921	\$370,702.94
2000	15	597	\$185,426.50	162	23,115	23,471	\$445,472.96
2001	44	2571	\$976,912.93	433	31,027	31,980	\$654,549.24
2002	19	920	\$379,173.62	101	19,357	19,579	\$441,945.39
2003	27	1766	\$735,360.01	212	32,628	33,094	\$741,753.20
2004	22	1364	\$613,077.60	264	27,712	28,293	\$787,258.20
2005	28	1,790	\$665,517.21	312	20,647	21,333	\$851,758.00
2006	19	1,270	\$921,374.17	225	38,954	39,449	\$1,417,806.00
2007	34	2,451	\$1,433,992.00	807	35,656	37,431	\$1,259,913.00
2008	26	2,185	\$1,366,672.00	454	29,115	30,114	\$1,009,322.00
2009	17	1,083	\$573,255.17	391	22,180	23,040	\$684,563.00
2010	25	2,080	\$1,127,523.05	836	34,795	36,634	\$1,109,548.00
2011	23	1,481	\$919,132.03	652	37,266	38,700	\$1,298,100.00
2012	22	1,910	\$1,333,038.28	333	27,526	28,259	\$1,041,386.00
2013	25	2055	\$1,402,173.79	690	35,312	36,905	\$1,329,408.19
2014	17	974	\$720,701.37	663	28,627	30,186	\$1,155,278.03
2015	32	2556	\$2,025,602.80	2,196	46,014	51,160	\$2,604,749.54
2016	19	1764	\$1,802,025.88	1,167	23,517	26,217	\$1,196,839.04
2017	10	756	\$521,574.57	486.18	17,697.93	20,133.69	\$921,150.83
2018	24	2283	\$1,705,246.57	887.96	34,861.21	39,309.89	\$1,608,638.82
2019	24	2197	\$1,704,455.73	726.85	41,009.43	44,650.93	\$1,576,323.22
2020							
2021							
2022							
2023							
2024							
2025							
2026							
2027							
2028							
2029							
2030							
2031							
2032							
2033							
2034							
2035							
2036							

* Figures from Price County Forestry Department Annual Report and Yearly Wood Tracking Volumes Tables

2035.1.2 Non-Timber Forest Products

Price County Non-Timber Product Production by Year

Year	Firewood	Blown Pine	Bough	Birch Twig/Pole	Aspen Twig/Pole	Moss
1993			10			
1994			13			
1995			19			1
1996		1	8	1		
1997		3	17			
1998	50		12			
1999	64	1	8	1		
2000	43	1	15	3		2
2001	69	1	13	3		1
2002	51	1	8	3	2	3
2003	29		14		1	
2004	51		7	1	3	
2005	73		8		3	
2006	76		11	2	2	
2007	76		10		1	
2008	93		8			
2009	82		5			
2010	72		3			
2011	60	1	6		2	
2012	64		0			
2013	60		5			
2014	68		5		1	
2015	69		3	1		
2016	45		2		1	
2017	49		4		1	
2018	53		3		1	
2019	44		5		1	
2020						
2021						
2022						
2023						
2024						
2025						
2026						
2027						
2028						
2029						
2030						
2031						
2032						
2033						
2034						
2035						
2036						

2035.2 REFORESTATION

Price County Forest Stems Planted by Year and Acres

Year	# of Spruce	Acres	# of Pine	Acres	# of Tamarack	Acres
1986			47,000	47		
1987			60,000	60		
1988			6,000	6		
1989	25,000	25	20,000	20		
1990						
1991			26,000	26		
1992			16,000	16		
1993			2,000	2		
1994			25,000	25		
1995					20,000	20
1996						
1997						
1998						
1999						
2000			17,000	15		
2001			8,000	10		
2002	3,000	5				
2003						
2004						
2005						
2006						
2007						
2008						
2009						
2010						
2011						
2012						
2013			11,000	12		
2014						
2015						
2016						
2017			158,000	174		
2018						
2019						
2020			74,000	74		
⚡						
⚡						
⚡						
2036						

2035.3 TIMBER STAND IMPROVEMENT (TSI)

Price County Forest Acres TSI Completed

Year	Released		Non-Commercial Thinning	Pruning
	<i>Pine</i>	<i>Spruce</i>		
1987	55			
1988				
1989	40			
1990	10			
1991	17			
1992				
1993	21			
1994				
1995				
1996				
1997		15		
1998				
1999				
2000	17			
2001	25			
2002				
2003				
2004				
2005				
2006				
2007				
2008				
2009				
2010				
2011				
2012				
2013				
2014				
2015				
2016				
2017				
2018				
2019				
2020				
⚡				
⚡				
⚡				
2036				

2035.4 RECREATIONAL DEVELOPMENTS

Price County Forest Recreational Developments by Year

Year	Recreational Developments								
	Campsites	Well	Beach	Toilet	Flush Toilet	Toilet/ Shower	Parking Lots	Misc.	ATV Trail (miles)
2001	17				1	1	1	Shelter	1/2
2002		1		1				Shelter	
2003	17		1						
2004						1			1/2
2005							2		
2006								Rifle Range	
2007	15				1				13
2008							1		
2009							1	Shelter & Dump Station	2
2010		1		1			1	Registration Station	2 ½
2011									
2012									
2013									
2014									
2015									
2016									
2017				2					
2018									
2019									
2020									
⚡									
⚡									
⚡									
2036									

2035.5 WILDLIFE PROJECTS

Price County Forest Wildlife Projects by Year

Year	Openings Construction (acres)	Trails Construction (miles)	Wildlife Ponds	Access Points	Miscellaneous
2001	2			2	
2002	2	3	1		
2003	3	5		1	
2004	5	8		2	
2005	6	5			
2006	4	8			
2007	2	5			
2008	1	3			
2009	0	2			Tree Drops
2010	3	2			Alder Shearing
2011	2	9		2	
2012	6	6		1	
2013	10	15		2	
2014	8	13			
2015	8	13			
2016	7	10			
2017	4	7			
2018	4	7		1	
2019	3	10		1	
2020					
⚡					
⚡					
⚡					
2036					

2040 MONITORING




2040.1 FOREST TYPES

<u>Price County Forest Cover Type Acreage by Year</u>			
Cover Type	Acres Past (1981)	Acres Present (2020)	Acres Future
<i>Forested Cover Type</i>			
ASPEN	37,988	44,176	44,110
BALSAM FIR	0	215	411
BLACK SPRUCE	2,962	3,275	3,275
BOTTOMLAND HARDWOODS	94	160	160
FIR SPRUCE	2,793	58	38
HEMLOCK	10	54	54
JACK PINE	5	7	7
NORTHERN HARDWOODS	14,133	11,903	12,124
OAK	9	427	464
RED MAPLE	0	1,513	1,434
RED PINE	1,014	1,262	1,233
SWAMP CONIFER	456	29	29
SWAMP HARDWOODS	2,759	4,016	4,016
TAMARACK	1,319	3,547	3,547
WHITE BIRCH	718	70	70
WHITE CEDAR	401	644	603
WHITE PINE	246	283	230
WHITE SPRUCE	0	367	275
TOTAL	64,907	72,006	72,080
<i>Non-Forested Cover Type</i>			
COOL SEASON GRASS	0	17	0
EMERGENT VEGETATION	0	203	203
HERBACEOUS VEGETATION	69	85	85
LOWLAND BRUSH	658	138	138
LOWLAND BRUSH - ALDER	17,252	15,815	15,815
LOWLAND GRASS	0	81	81
MARSH	4,913	149	149
MINOR LAKE	0	363	363
MINOR STREAM	0	37	37
MUSKEG BOG	0	2,744	2,744
PICNIC AREA	0	4	4
RIGHT OF WAY	0	61	61
TRUE GRASSES	114	63	63
UPLAND BRUSH	1,240	51	51
UPLAND GRASS	7	17	17
UPLAND SHRUB	0	74	0
WATER	0	411	411
TOTAL	24,253	20,313	20,222
TOTAL PROPERTY	89,160	92,319	92,302

*Figures from WisFIRS Report 207

2040.2 HARVESTING

Price County Forest Aspen (acres)

DNR Fiscal Year	Long Term Goal** (acres)	Established*	Sold*	Closed*
1995-1996	850	389	392	592
1996-1997	850	718	476	225
1997-1998	850	531	598	554
1998-1999	850	743	940	206
1999-2000	850	403	93	871
2000-2001	850	678	1061	794
2001-2002	850	605	427	560
2002-2003	850	720	588	866
2003-2004	850	632	633	757
2004-2005	850	1196	1488	783
2005-2006	1060	876	398	664
2006-2007	1060	635	142	1161
2007-2008	1060	1368	131	880
2008-2009	1060	974	3258	840
2009-2010	1060	1143	1143	809
2010-2011	1125	1047	1047	1088
2011-2012	1133	924	924	1182
2012-2013	1113	1201	1152	1184
2013-2014	1118	1193	1242	686
2014-2015	1133	1224	1224	1444
2015-2016	1199	870	870	843
2016-2017	1148	953	953	500
2017-2018	1145	1231	1231	1025
2018-2019	1156	1087	400	916
2019-2020	1183			
2020-2021				
				
				
				
2035-2036				
Totals	25,253	21,341	20,811	19,430
Annual Average	1010	889	867	810

*Figures from DNR's fiscal year reports. Report 31A in WisFIRS.

**Long Term Goal (acres) from WisFIRS report 303


Price County Forest Northern Hardwood (acres)

DNR Fiscal Year	Long Term Goal** (acres)	Established*	Sold*	Closed*
1995-1996	583	603	699	132
1996-1997	583	680	552	491
1997-1998	583	505	430	339
1998-1999	583	338	649	278
1999-2000	583	224	0	705
2000-2001	583	274	722	344
2001-2002	583	778	343	1423
2002-2003	583	510	832	370
2003-2004	583	576	420	560
2004-2005	596	874	1199	955
2005-2006	596	588	357	571
2006-2007	596	579	64	1018
2007-2008	596	548	251	574
2008-2009	596	635	1684	553
2009-2010	596	343	343	918
2010-2011	647	572	572	259
2011-2012	660	259	259	576
2012-2013	616	571	571	641
2013-2014	609	418	418	176
2014-2015	582	932	932	313
2015-2016	557	570	570	615
2016-2017	612	762	762	460
2017-2018	582	833	833	678
2018-2019	591	618	150	554
2019-2020	608			
2020-2021				
⚡				
2035-2036				
Totals	14887	13590	13612	13503
Annual Average	595	566	567	563

*Figures from DNR's fiscal year reports. Report 31A in WisFIRS.

**Long Term Goal (acres) from WisFIRS report 303

Price County Forest All Species (acres)

DNR Fiscal Year	Long Term Goal** (acres)	Established*	Sold*	Closed*
1995-1996	1745	1029	1124	744
1996-1997	1745	1587	1160	774
1997-1998	1745	1056	1109	993
1998-1999	1745	1104	1632	560
1999-2000	1745	627	93	1686
2000-2001	1745	1174	1950	1166
2001-2002	1745	1528	867	2003
2002-2003	1745	1366	1617	1318
2003-2004	1745	1365	1180	1472
2004-2005	2131	2522	3227	2010
2005-2006	2131	1768	898	1378
2006-2007	2131	1425	242	2433
2007-2008	2131	2201	502	1665
2008-2009	2131	1992	5811	1567
2009-2010	2131	1829	1829	2104
2010-2011	2251	1933	1877	1725
2011-2012	2288	1435	1435	1927
2012-2013	2213	2237	2188	1980
2013-2014	2212	2234	2283	1306
2014-2015	2195	2562	2562	2140
2015-2016	2234	2007	2007	1819
2016-2017	2251	1925	1925	1187
2017-2018	2259	2740	2740	1974
2018-2019	2258	2237	557	1901
2019-2020	2293			
2020-2021				
				
2035-2036				
Totals	50945	41883	40815	37832
Annual Average	2038	1745	1701	1576

*Figures from DNR's fiscal year reports. Report 31A in WisFIRS.

**Long Term Goal (acres) from WisFIRS report 303

2040.3 FLORA / FAUNA

2018 – 2020 The State of Missouri contracted with the WI DNR to trap ruffed grouse. The majority of the grouse have been coming from the Price County forest. All compensation went to the state and Price County did not receive anything for this. In the past few years 2017-2020 deer have been scarce on most timber sales during the winter North of Highway 8. Some timber sales that were started before deer season and were cut all the way through spring breakup, never had a deer on them at all. One logger that cut East of Blueberry Rd said he felt sorry for the wolf pack that would run the snowmobile trail every few days, because they have nothing to eat. The first elk was sighted on the county forest off Fairview Road.

2040.4 RECREATIONAL USE

ATV/UTV routes and trails have increased greatly since the last plan. Not many requests have been made for new trails. Grouse hunters have made many positive comments about how Price County is managed. They make positive comments on the trails that have been improved and the habitat overall.

2040.5 HIGH CONSERVATION VALUE FOREST AREAS

Price County does not have any HCVF areas.

2040.6 ROADS & ACCESS

Some road improvements have been made in areas. In 2015 Price County bought a 40-acre parcel off County W that gave permanent access to Compartment 68. Price County will continue to pursue better roads and access.

2040.7 OTHER

Camp 5 Dam is scheduled to be repaired during the summer of 2020 after being washed out in 2016. Cranberry flowage was washed out in 2018 and funding has been applied for in 2020 in order to replace it. Steve Creek Flowage is scheduled to be replaced in 2020 or 2021 by the WI DNR. The DNR owns the control structure and oversees the management of Steve Creek Flowage, while the county remains the owner of the property.