

COUNTY FOREST COMPREHENSIVE LAND USE PLAN

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CHAPTER 2000

PLANNING, REPORTS, BUDGET

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2000 NEEDS OBJECTIVE

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

2010 SUMMARY OF FIFTEEN-YEAR NEEDS

A schedule giving a summary of Equipment needs and other needs for the period covered by this plan, appear as an inclusion in this chapter. While this list is not meant to be all inclusive, but rather give a general sense of future needs to sustain the operation of the Forestry Department. Specific items are budgeted during the annual Polk County budget process.

- Equipment purchases: Truck, GIS equipment, GPS equipment,, aerial photos,
- ATV/Snowmobile
- Roads: construction, maintenance
- Land acquisition goals in conjunction with priorities outlined in chapter 400
- Timber harvests 2021-2035
- Other silvicultural activities. Bud capping invasive species control, planting, etc.
- Recreation – New and maintenance.
- Wildlife and Fisheries Management
- Personnel

Timber Harvest by Forest Type.

| Forest Type | 15 Year Total | 15 Year Average/Year |
|-------------------|---------------|----------------------|
| | Acres | Acres |
| Aspen | 179 | 12 |
| Birch | 9 | 1 |
| Northern Hardwood | 487 | 32 |
| Red Oak | 2484 | 166 |
| Pin Oak (Scrub) | 1117 | 74 |
| Jack Pine | 712 | 47 |
| Red Pine | 1095 | 73 |
| White Pine | 93 | 6 |
| Total | 6176 | 411 |

| | Aspen | Northern Hardwood | Oak | Pin Oak | Jack Pine | Red Pine | White Pine | White Birch |
|----------------|-------|-------------------|------|---------|-----------|----------|------------|-------------|
| Year | | | | | | | | |
| 2020 | 6 | 55 | 269 | 116 | 70 | 6 | 26 | |
| 2021 | 5 | 37 | | 49 | 58 | | | |
| 2022 | 8 | 31 | 821 | 74 | 83 | 110 | | |
| 2023 | 21 | 148 | 192 | 58 | 48 | 6 | | |
| 2024 | | | 122 | 63 | 57 | 55 | | |
| 2025 | 17 | 8 | 49 | 108 | 52 | 331 | 52 | 9 |
| 2026 | 11 | 55 | 19 | 70 | 69 | | | |
| 2027 | | 42 | 618 | 67 | 94 | 111 | | |
| 2028 | | 32 | 61 | 59 | 80 | 75 | | |
| 2029 | | | 54 | 52 | 72 | 51 | | |
| 2030 | 37 | 5 | | 57 | | 99 | 10 | |
| 2031 | | | | 105 | | 2 | 5 | |
| 2032 | 21 | | | 53 | | 34 | | |
| 2033 | 47 | | 117 | 76 | 4 | 83 | | |
| 2034 | 6 | 74 | 162 | 110 | 25 | 132 | | |
| | | | | | | | | |
| Total | 179 | 487 | 2484 | 1117 | 712 | 1095 | 93 | |
| 15 Yr. Average | 12 | 32 | 166 | 74 | 47 | 73 | 6 | 0 |

Annual Acreage 411

- Other silvicultural activities: pruning, planting, release, bud capping, invasive species control etc.
- Property maintenance: surveying, fire control, insect/disease etc.

- Recreation (new and maintenance):
 - -Trails (snowmobile, ATV, ski, bike, hiking)
 - -Campsites
 - -Shelters
 - -Parking areas

Wildlife management: endangered resources assessments, hunter access trails

- Fisheries management: structures, surveys, habitat work
- Personnel: recreation & forestry

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 the Polk County Forestry Department to fulfill identified needs. Refer to section 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 this chapter 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. This plan shall be based upon the detailed annual needs. 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.

2025 ACCOMPLISHMENT REPORTS OBJECTIVE AND POLICY

OBJECTIVE

To provide a quantifiable means of evaluating progress on both short and long term goals on the Polk 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 inclusions
4. Wildlife management accomplishments including revenues and expenses.
5. Fisheries management accomplishments including revenues and expenses.
6. Other accomplishments identified as “needs” in this chapter

2035 PAST ACCOMPLISHMENTS

A summary of the forest activities is provided to show the history of accomplishments by activity. Below is the information for our main forest management activities.

2035.1 TIMBER SALES

Polk County Forest Timber Sales 1996-2019

| Year | # of Sales | MBF | Cords | Acres Cut | Total Cord Equivalents | Sales Value |
|--------------|------------|----------------|---------------|--------------|------------------------|---------------------|
| 1996 | 6 | 49.00 | 3397 | 365 | 3495 | 80,720.00 |
| 1997 | 6 | 18.00 | 3373 | 343 | 3409 | 78,154.00 |
| 1998 | 3 | 8.00 | 3419 | 222 | 3435 | 90,260.00 |
| 1999 | 4 | 18.00 | 4723 | 324 | 4759 | 129,782.00 |
| 2000 | 5 | 142.00 | 4912 | 454 | 5196 | 151,854.00 |
| 2001 | 4 | 27.00 | 4254 | 305 | 4308 | 124,481.00 |
| 2002 | 2 | 0.00 | 5677 | 441 | 5677 | 175,139.00 |
| 2003 | 9 | 213.00 | 7257 | 716 | 7683 | 275,856.00 |
| 2004 | 11 | 501.00 | 13858 | 933 | 14894 | 482,267.00 |
| 2005 | 7 | 131.97 | 4802 | 612 | 5093 | 180,011.35 |
| 2006 | 5 | 127.78 | 3705 | 331 | 3986 | 137,241.57 |
| 2007 | 6 | 853.01 | 7528 | 615 | 9404 | 523,855.88 |
| 2008 | 9 | 536.82 | 18748 | 884 | 19929 | 687,658.54 |
| 2009 | 3 | 31.80 | 2947 | 176 | 3017 | 90,920.25 |
| 2010 | 2 | 6.00 | 1708 | 65 | 1722 | 38,650.68 |
| 2011 | 6 | 12.00 | 6856 | 369 | 6883 | 201,368.93 |
| 2012 | 13 | 942.15 | 12219 | 894 | 14292 | 510,197.25 |
| 2013 | 8 | 0.00 | 6379 | 512 | 6379 | 115,112.96 |
| 2014 | 13 | 123.30 | 9254 | 683 | 9350 | 225,489.50 |
| 2015 | 8 | 40.00 | 4093 | 414 | 4181 | 146,115.03 |
| 2016 | 6 | 91.20 | 4279 | 346 | 4480 | 148,309.36 |
| 2017 | 7 | 122.28 | 6415 | 285 | 6633 | 150,124.80 |
| 2018 | 10 | 689.83 | 7363 | 652 | 8510 | 184,592.18 |
| 2019 | 10 | 289.45 | 6971 | 536 | 7608 | 279,439.00 |
| Total | 163 | 4973.59 | 154137 | 11477 | 164323 | 5,207,600.28 |

2035.2 REFORESTATION

Polk County Forest Planting since 1996.

| Year | Acres | # Of Trees | Red Pine | Jack Pine | White Pine | Tamarack | White Spruce | Hardwoods |
|--------|-------|------------|-----------|-----------|------------|----------|--------------|-----------|
| 1996 | 0 | | | | | | 0 | 0 |
| 1997 | 0 | | | | | | 0 | 0 |
| 1998 | 142 | 136,000 | 83,000 | 40,000 | 8,000 | 5,000 | 0 | 0 |
| 1999 | 28 | 25,000 | 8,000 | 9,000 | 0 | 8,000 | 0 | 0 |
| 2000 | 45 | 32,000 | 18,000 | 8,000 | 3,000 | 3,000 | 0 | 0 |
| 2001 | 163 | 147,000 | 108,000 | 29,000 | 10,000 | 0 | 0 | 0 |
| 2002 | 224 | 190,000 | 139,000 | 38,000 | 9,000 | 0 | 0 | 4,000 |
| 2003 | 254 | 246,000 | 195,000 | 34,000 | 17,000 | 0 | 0 | 0 |
| 2004 | 305 | 252,000 | 207,000 | 12,000 | 26,000 | 0 | 0 | 7,000 |
| 2005 | 204 | 140,000 | 130,000 | 0 | 10,000 | 0 | 0 | 0 |
| 2006 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2007 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2008 | 197 | 180,000 | 143,000 | 28,000 | 9,000 | 0 | 0 | 0 |
| 2009 | 128 | 103,000 | 89,000 | 14,000 | 0 | 0 | 0 | 0 |
| 2010 | 167 | 154,000 | 154,000 | 0 | 0 | 0 | 0 | 0 |
| 2011 | 59 | 36,000 | 0 | 36,000 | 0 | 0 | 0 | 0 |
| 2012 | 172 | 145,000 | 75,000 | 70,000 | 0 | 0 | 0 | 0 |
| 2013 | 51 | 45,000 | 0 | 30,000 | 0 | 3,000 | 12,000 | 0 |
| 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2016 | 95 | 75,000 | 0 | 75,000 | 0 | 0 | 0 | 0 |
| 2017 | 83 | 95,200 | 0 | 95,200 | 0 | 0 | 0 | 0 |
| 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 132 | 113,000 | 0 | 113,000 | 0 | 0 | 0 | 0 |
| Totals | 2449 | 2,114,200 | 1,349,000 | 631,200 | 92,000 | 19,000 | 12,000 | 11,000 |

2035.3 TIMBER STAND IMPROVEMENT

Polk County Forest Cultural Practices since 1996.

| Year | Practice | Acres | Method |
|-----------|--------------------|-------|------------|
| 1996-2001 | | 0 | |
| 2002 | Plantation Release | 53 | Mechanical |
| 2003 | Plantation Release | 16 | Mechanical |
| 2004 | Plantation Release | 212 | Chemical |
| 2005 | | 0 | |
| 2006 | Plantation Release | 50 | Mechanical |
| 2007 | Plantation Release | 25 | Mechanical |
| 2008 | | 0 | |
| 2009 | | 0 | |
| 2010 | | 0 | |
| 2011 | | 0 | |
| 2012 | | 0 | |
| 2013 | | 0 | |
| 2014 | | 0 | |
| 2015 | | 0 | |
| 2016 | | 0 | |
| 2017 | | 0 | |
| 2018 | | 0 | |
| 2019 | Bud Cap | 45 | |
| 2020 | Invasive Control | 5 | Chemical |

2035.4 BLADE SCRIFICATION

Polk County Forest Blade Scarification since 1996

| Year | Acres |
|-----------|-------|
| 1996-2000 | 0 |
| 2001 | 62 |
| 2002 | 51 |
| 2003 | 0 |
| 2004 | 83 |
| 2005 | 0 |
| 2006 | 57 |
| 2007 | 162 |
| 2008 | 42 |
| 2009 | 52 |
| 2010 | 35 |
| 2011 | 52 |
| 2012 | 0 |
| 2013 | 56 |
| 2014 | 13 |
| 2015 | 45 |
| 2016 | 0 |
| 2017 | 0 |
| 2018 | 53 |
| 2019 | 39 |

2035.5 RECREATIONAL DEVELOPMENTS

Polk County uses its Outdoor Recreation Plan to track and plan for future recreational opportunities within County. This is a County Board and State approved plan. The Outdoor Recreation Plan can be found by visiting:

https://www.co.polk.wi.us/index.asp?SEC=D1939C25-D3B4-4C0A-B403-1F35F35EE43A&Type=B_BASIC

2040 MONITORING

Polk County Forest routinely monitors its management activities through Annual Work Plans and Annual Accomplishment reports each year. See attached Work Plans and Accomplishment reports. Future plans will be posted at:

<https://www.co.polk.wi.us/fptforestry>

2050 Annual Work Plans/Annual Reports