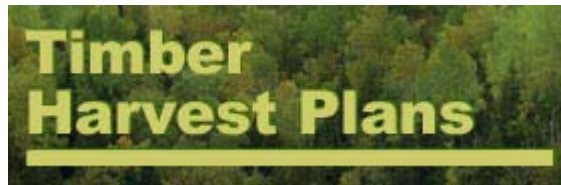


Public Notice
and
Involvement
in
DNR Annual



Report to the Senate Environment and Natural Resources Committee,
Senate Environment and Agriculture Budget Division, and the House
Environment and Natural Resources Policy and Finance Committees

December 2003

Minnesota Department of Natural Resources
Division of Forestry



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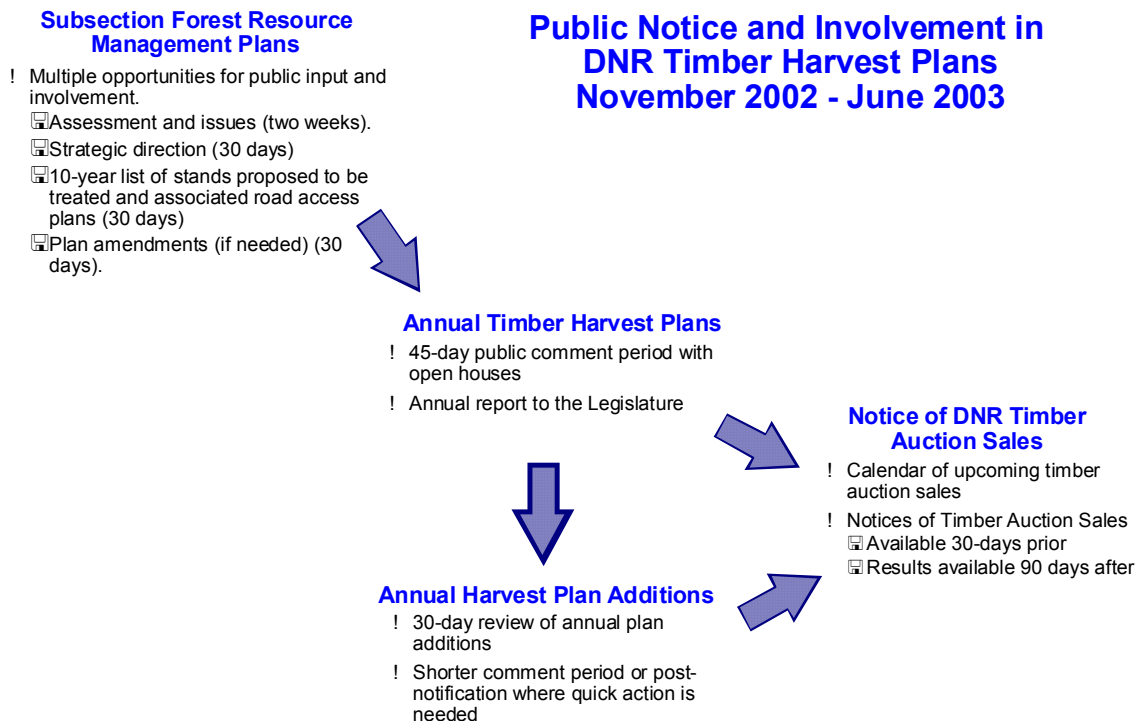
Introduction

In 2000, the Legislature passed into law a requirement that the DNR report to the environment and natural resource policy committees on the public involvement process for DNR proposed annual timber harvest plans:

Minnesota Statutes, Section 90.042. PUBLIC INVOLVEMENT PROCESS.

By July 1 each year, the commissioner must provide a complete description of the public involvement process for timber harvest plans to the chairs of the legislative committees with jurisdiction over natural resources policy and finance. The process must provide public notice and public input in affected areas of proposed annual harvest plans.

While the legislation deals specifically with DNR annual harvest plans, the DNR has expanded the opportunities for public notice and input on DNR timber harvesting and vegetation management planning to include other venues. The chart below briefly describes the various notice and input opportunities that were available to the public during the past year. The remainder of this report will delve into each of these opportunities in more detail, providing a summary of the degree to which the public took advantage of these opportunities and examples of how the information was provided to the public. This report covers the time period encompassing the FY2004 annual timber harvest planning cycles (i.e., roughly from November 2002 through June 2003).



Annual Timber Harvest Plans

What Is the DNR Annual Timber Harvest Plan?

The DNR annual timber harvest plan (AHP) is a work plan that consists of a pool of forest stands or sites on DNR lands from which timber is being considered for sale during the upcoming state fiscal year (July 1 – June 30). Each stand has been assigned a preliminary management prescription (e.g., clear-cut harvest with reserve areas or trees, group selection harvest, thinning, re-inventory, etc.) using direction and criteria from an existing or interim management plan, specific characteristics of the stand, and desired results for the site (e.g., regeneration to a certain species or species mix, retaining certain existing trees/tree species). Prior to being offered for sale, detailed field examinations or surveys are conducted on each site to gather additional information about the site, add site-specific details to the management prescription, and make adjustments to the preliminary AHP management prescription as necessary. Most stands identified in the AHP will be appraised for some type of timber sale. Upon field visit, some stands or portions of them may be found not suitable for harvest; these stands will have their forest inventory data updated, as needed.

The DNR AHPs are derived from existing forest resource management plans, which are based on long-term forest management goals. In cases where previously adopted management plans have expired, interim management plans are developed to cover the period of time anticipated before new management plans are adopted. Interim plans are usually based primarily on the management goals and harvest levels of the previous (e.g., expired) management plan. Public review of stands selected for AHPs from interim management plans is of particular interest to the DNR since these stands are not part of previously adopted/approved management plans. For this reason, the DNR Web site for AHPs identifies stands as being from interim or adopted management plans.

Public Notice and Opportunities for Input

Web Site

In response to concerns about the availability of information on DNR timber harvest plans, the DNR began developing a Website application in the latter half of 1999 to provide interested individuals the ability to review DNR annual harvest plans online via the Internet. This application became operational early in 2000. Since then, there have been a number of improvements to the Website application based on comments from users. Users are provided a map of the state identifying townships with stands in the AHP (and whether these stands are from adopted or interim plans), a visual spatial context for stands proposed for harvest using recent satellite imagery, tabular data describing stand characteristics (e.g., age, tree species, volumes, etc.), and a convenient reply/comment form that is completed and returned to the DNR electronically [see the Appendix for examples of the state map (page A-1), a township map (page A-2), stand data (page A-3), and the public comment form (page A-5)].

Individual stand location and data can be reviewed and commented on via the Internet at the annual timber harvest plan Web site: www.dnr.state.mn.us/forestry/harvest/tp.html .

Preliminary management prescriptions and planned harvest acres are displayed in the stand summaries found through the web site.

Open Houses

In addition to the Website application, the DNR holds open houses during the public review period at DNR Region Forestry offices and in St. Paul. Public notices and news releases are distributed to advertise these open houses. The notice is also sent to a mailing list of primary interest groups and others who have requested to be on the AHP mailing list. DNR staff are available at the open houses with maps, stand by stand AHP listings for their area, and a listing of AHP stands in their area that contain white pine. The Appendix includes examples of a news release for AHP public comment and open houses (page A-6) and an area stand-by-stand AHP listing (page A-7).

Direct Mailings

In addition to the notice of open houses, summaries of AHPs are sent to the AHP mailing list of primary interest groups and others who request this information. This information usually includes a summary of the AHP by forest type and acres, and a summary of the AHP by management prescription type and acres. Examples are included in the Appendix, pages A-10 and A-11.

Public Response

FY2004

The FY2004 AHP was available for public review from March through the middle of April 2003. There were a total of four open houses held (i.e., three DNR Forestry Regions and one combined Central Region/St. Paul open house) during this review period. Only one person attended the open houses. Three people provided written comments on eight stands via e-mail or letter.

Annual Plan Additions

What Are Annual Plan Additions?

Annual Plan Additions (APAs) are stands on state-administered forest lands that are proposed to be or have been added to the AHP. These adjustments to AHPs are needed at times because of new information from field surveys, changes in resource conditions, or nearby harvest activities. They are additional stands recommended by field personnel for timber harvest during the current fiscal year (July 1 - June 30).

The DNR intends to keep APAs to a minimum after the AHPs have been made. If possible, the management actions are delayed until the next AHP to provide ample time for notifying and soliciting comments from the public.

Public Notice and Opportunities for Input

Where quick action is not needed, the public is provided an opportunity to comment on APAs before they are offered for sale. The public is notified through the DNR Web site and the

primary stakeholder mailing list. In most cases, a 30-day comment period will be provided on APAs not requiring quick action. Notices of Annual Plan Additions will be posted on the web site: http://www.dnr.state.mn.us/forestry/harvest/plan_additions.html for at least 30 days. An example is included in the Appendix on page A-12.

Exceptions to Prior Public Notification

Where a quick management response is needed on APAs, it will not always be possible to give prior public notification. Some general examples of these situations include:

- § Addressing previously unknown pockets of insect and disease infestations or beaver flooding.
- § Harvesting small acreages adjacent to timber being harvested by other landowners, especially when access is limited.
- § Adjusting forest inventory (CSA) stand boundaries due to errors in cover typing.
- § Salvaging timber related to blowdowns, wildfires, etc.

Stands needing quick action will be included in the periodic Notice of Annual Plan Additions after information is received from field offices. Comments will be accepted regarding these sites, but management actions may have already occurred by the time the public is notified or has had time to respond.

Activity During Reporting Period

There were four APA notices posted/distributed for review related to the FY2004 AHP. Public comment on APAs has been limited. Only one person requested additional information on 11 stands from one of the APA notices.

Subsection Forest Resource Management Plans

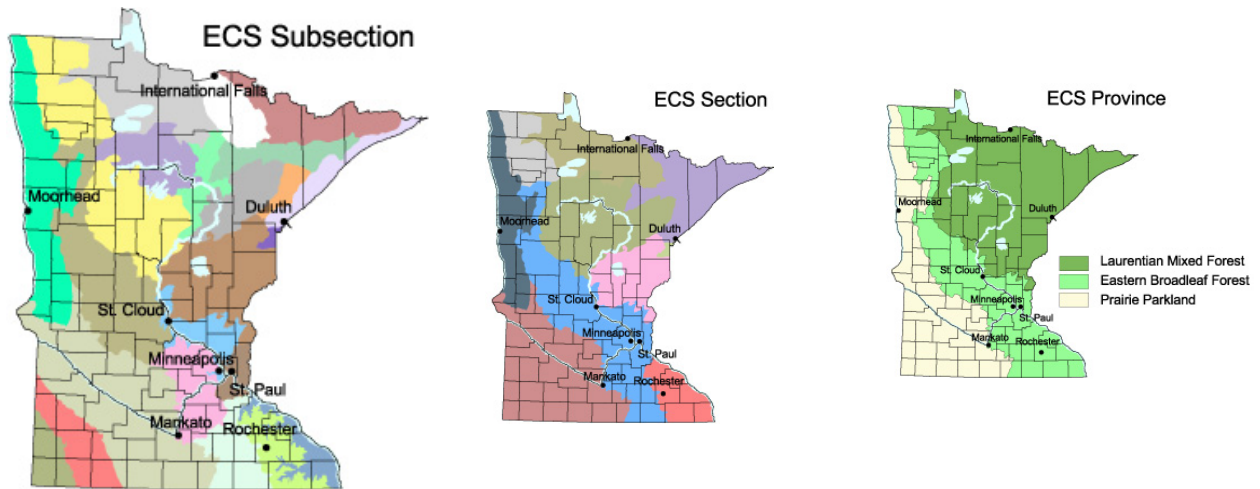
What Is a DNR Subsection Forest Resource Management Plan (SFRMP)?

For many years the DNR defined its timber harvesting activities in five- or 10-year forest resource management plans developed for each of its 40 administrative forestry areas. Public involvement in the development or review of these timber management plans was limited.

Now, the DNR is developing its forest resource management plans using the subsection level of its ecological classification system (ECS) rather than its administrative areas. It has also developed a more standardized and structured planning process that provides more opportunities for the public to be involved.

SFRMPs differ from annual planned harvest plans in that they produce 10-year lists of DNR forest stands proposed to be treated to achieve long-term forest composition goals. Annual planned harvest lists are then assembled from these ten-year plans

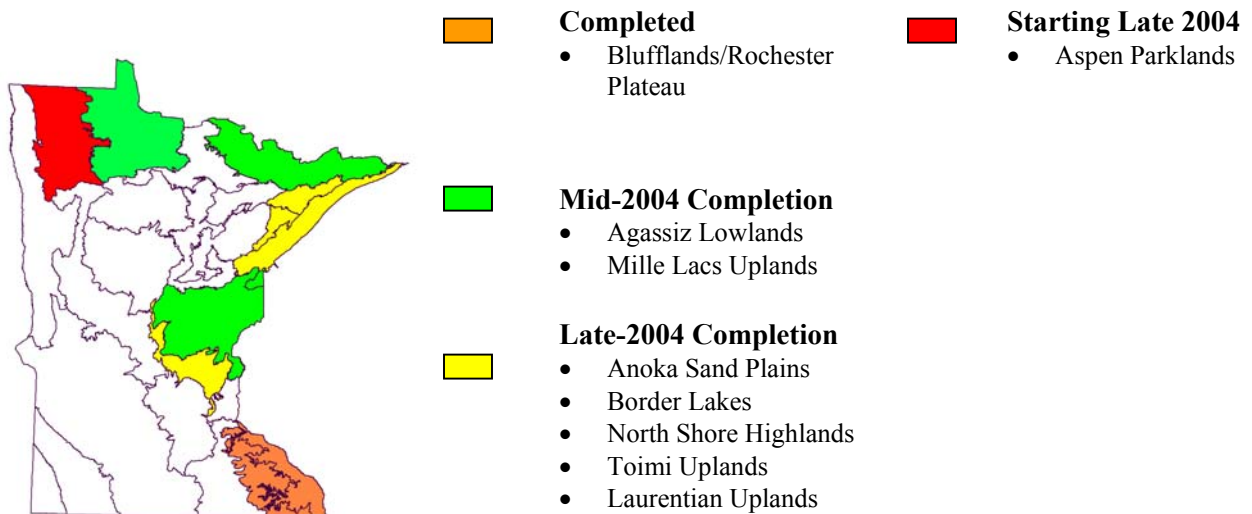
Figure 1: DNR Ecological Classification System



Time Frames

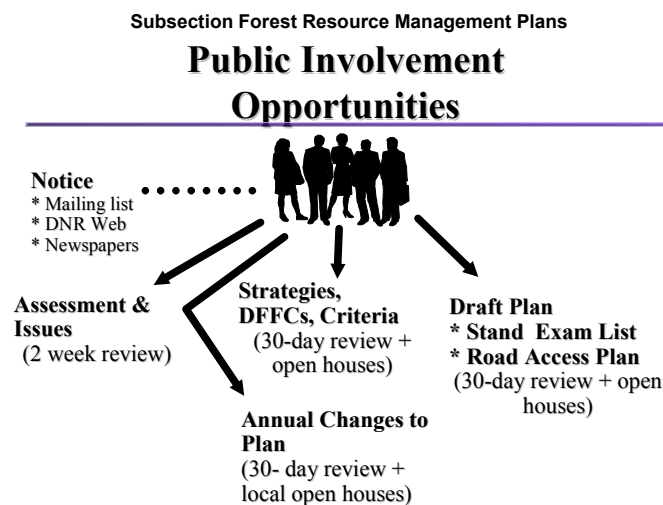
The SFRMP process is at various forms of completion in the initial group of subsections, which includes Agassiz Lowlands, Border Lakes, Mille Lacs Uplands, Anoka Sand Plains, and Blufflands/Rochester Plateau). The department also initiated the SFRMP process in three additional subsections, North Shore Highlands, Toimi Uplands, and Laurentian Uplands, in July 2002. One additional subsection, Aspen Parklands, will likely be started later in 2004. The department intends to have two or three subsections underway at a time until all subsection plans are completed. Statewide there are 17 subsections with substantial DNR-administered forest land. Some subsection plans may be prepared jointly via the same planning team and process.

Figure 2: Current SFRMP Status



Public Notice and Opportunities for Input

Figure 3: SFRMP Public Input Opportunities



Public notice and input opportunities are available in several different ways and at several different points during the planning process, including: press releases; direct mailing of notices and document summaries; providing complete documents at DNR offices, local libraries, and via the DNR Web site; and open houses to display information and gather public comments. A statewide mailing list of over 30 interest groups and numerous media outlets, and more localized, regional lists for each subsection plan were initially used to provide notice and elicit interest

in the SFRMP processes. As the SFRMPs developed and public comments/ interest were received, SFRMP mailing lists expanded in some cases up to 150-200 individuals or organizations.

Complete information on the DNR SFRMP process and access to plans in progress is available on the DNR Web site at <http://www.dnr.state.mn.us/forestry/subsection/index.html>.

Public Response

Assessment and Issues

During this reporting period, public review was conducted for the Assessment and Preliminary Issues document for the three north shore subsections (North Shore Highlands, Toimi Uplands, and Laurentian Uplands). The public review period took place in November 2002. A total of 30 individuals and organizations submitted comments via letter, fax, or e-mail.

DNR subsection planning teams develop responses to comments received on the Assessment and Issues documents, and consider this input in finalizing the list of issues being addressed in the plans and shaping DNR management direction in response to the issues. Summaries of public comments on the Assessment and Issues documents and DNR responses are provided in the public review document for the next step of the planning process [i.e., desired future forest composition goals (DFFCs), strategies, and stand-selection criteria].

DFFC Goals, Strategies, and Stand-Selection Criteria

Two subsection plans (Agassiz Lowlands and Mille Lacs Uplands) progressed in the planning process to the point of conducting public review on the second, strategic direction-setting stage of the planning process (i.e., DFFCs, strategies, and stand-selection criteria).

Agassiz Lowlands SFRMP

Public review of the DFFCs, Strategies, and Stand-Selection Criteria document for the Agassiz Lowlands Subsection was conducted from December 2002 through mid-January 2003. Ten individuals and organizations submitted written comments via mail and e-mail. Seventeen of those were form letters. Comments covered a wide range of topics. The subsection team is preparing responses to comments received. The summary of public comments and DNR responses will be available with the public review document of the next and final step in the SFRMP planning process (i.e., Seven-Year Stand Examination List and Road Access Needs).

Mille Lacs Uplands SFRMP

Public review of the DFFCs, Strategies, and Stand-Selection Criteria document for the Mill Lacs Uplands Subsection was conducted during March 2003. A total of 17 individuals and organizations submitted comments via mail and e-mail. Comments covered a wide range of topic areas. The subsection team is preparing responses to comments received. The summary of public comments and DNR responses will be available with the public review document of the next and final step in the SFRMP planning process (i.e., Seven-Year Stand Examination List and Road Access Needs).

Calendar of Upcoming DNR Timber Auction Sales

Each year by early December, the Division of Forestry establishes a calendar of public auction sales at which state-owned timber will be sold during the next 12 to 15 months. This calendar is posted on the DNR Web site at www.ra.dnr.state.mn.us/timber_sales as well as in local newspapers. An example is included in the Appendix on page A-16. Notices of Sale are posted on this Web site approximately 30 days before the date of each sale and are also available upon request from DNR Forestry Area offices. Notices of Sale list each tract offered, its location, the quantity and appraised price of timber on each tract, and any significant permit conditions and regulations. Results of timber auction sales showing which tracts were sold, their bid (selling) price, and who purchased them are posted approximately five days after the sale and remain available for 90 days following the date of sale.

White Pine Public Involvement

During the 1997 legislative session, the DNR held discussions with a variety of interest groups to clarify statewide goals for white pine management on DNR-administered lands. These discussions resulted in the DNR making a number of commitments, including a commitment to develop an improved and more effective process of public input into DNR white pine timber management planning. The DNR convened a White Pine Timber Management Planning Public Involvement Process Work Group to develop recommendations for this public involvement process. Recommendations from the work group included:

- Involve the public proactively and early in the white pine planning process.
- Focus public participation at the administrative area level, but link to regional and landscape levels.
- Establish more uniformity in the planning process among areas within the DNR.
- Develop a public input process that is effective, doable, non-cumbersome, and timely.

- Provide opportunities for public involvement in multi-year timber management planning.
- Provide forums for public involvement in developing annual white pine management plans.
- Provide the public with timely information on site-implementation schedules.

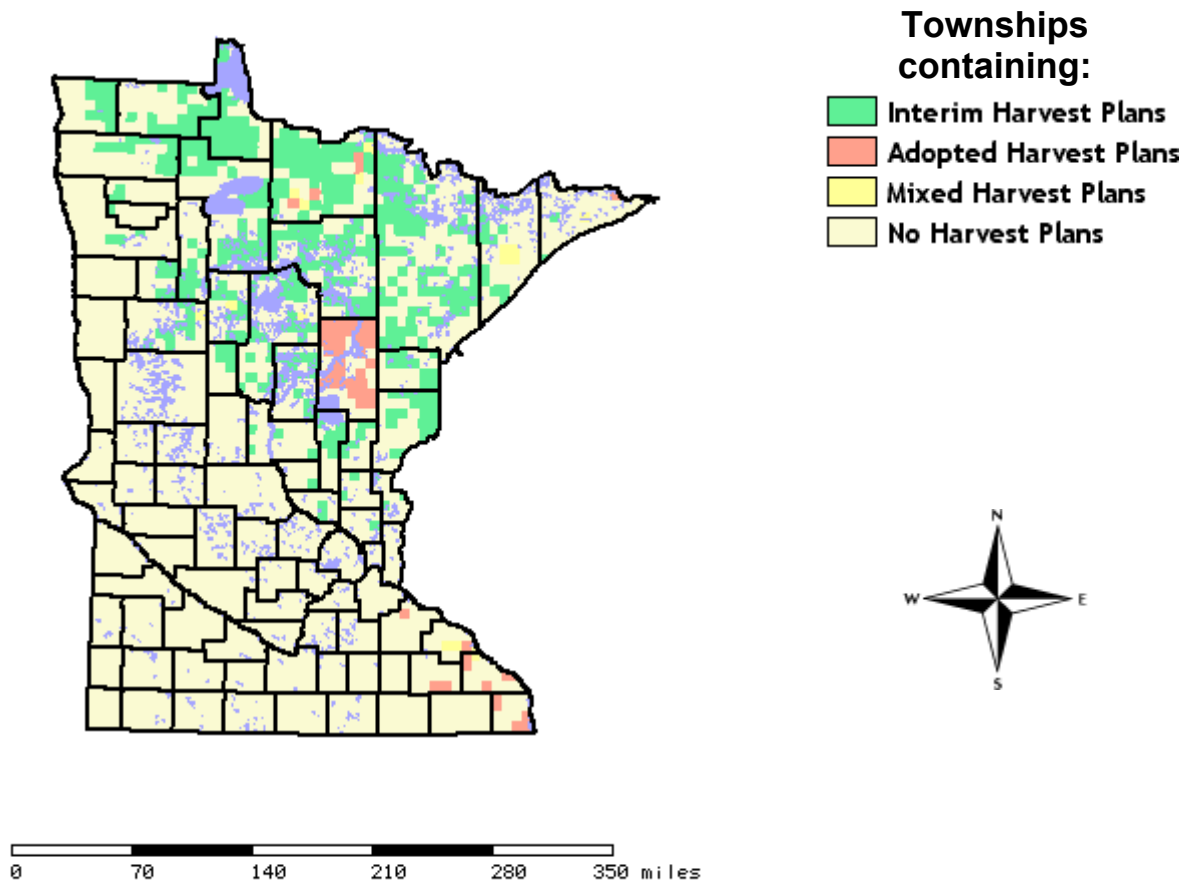
These DNR commitments related to white pine timber management planning were the DNR's initial foray into re-establishing more visible and consistent opportunities for public input into DNR forest management planning. These efforts also set the stage for future evolutions in public input processes to include forest types in addition to white pine. The DNR remains committed to its white pine public involvement commitments as it has moved on to broaden public input opportunities to include all DNR forest/timber management planning. The AHP, APA, SFRMP, and Calendar of Upcoming DNR Timber Auction Sales planning and public input processes described above address all forest types on DNR lands, including white pine, and were based to a significant extent on the public input recommendations for white pine public involvement. The DNR continues to highlight proposed management direction and stand-specific management prescriptions affecting white pine on DNR lands through these broader DNR forest/timber management planning processes. Page A-19 of the Appendix provides an example of a listing of AHP stands proposed to be offered for sale that contain white pine. The DNR also continues to provide the Minnesota Forest Resources Council with periodic updates on the implementation of white pine management recommendations from the White Pine Regenerations Strategies Work Group.

Pilot Landowner Notification

The department explored options for notifying landowners whose property is "near" proposed DNR timber sale locations. The intent of the pilot was to seek methods that take advantage of existing databases and automation to provide notification to landowners within a certain distance of proposed DNR timber harvesting activities early in the planning process, prior to being offered for sale. DNR established a pilot area to test the feasibility of a landowner notification approach designed under the realistic assumption of limited availability of staff and funding. The purpose of the notification process was simply to alert adjacent landowners of proposed DNR actions and provide opportunities for landowners who so choose to seek additional information. A report of this pilot project will be available later this fall.

Appendix

Statewide Map Showing Townships with Harvest Plans



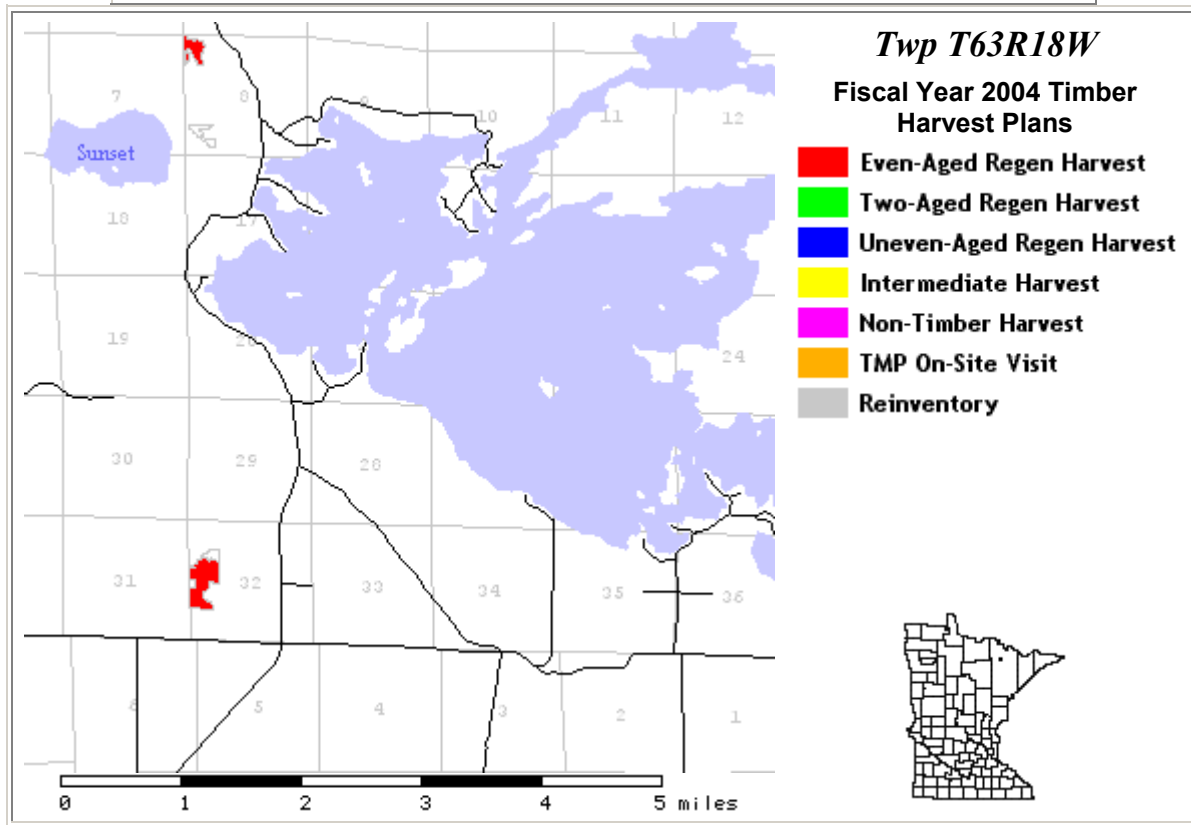
AHP Section Map Example



Use the map controls below to navigate the map. When you've found a stand for which you'd like to view attributes, turn on the "Get Stand Data" radio button and click in the stand on the map.

Map Controls

Layers Lakes Rivers <div style="text-align: right; margin-top: 10px;"> <input type="button" value="Apply"/> </div>	Set Cursor Action <input type="radio"/> Get Stand Data <input type="radio"/> zoom in <input type="radio"/> pan <input type="radio"/> zoom out Set Zoom Factor: <input style="width: 30px;" type="text" value="2"/>	<input type="button" value="RESET"/> <input type="button" value="HELP"/> View this area in ForestView
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AHP Stand and Prescription Summary Example



Stand Summary

Ownership: State of Minnesota
Location: T63N, R15 W, Section 36, St. Louis County
DNR Forestry Area: Tower
Stand ID: 13630063159

Stand Prescription Information
Prescription: Clearcut-w/Rsrv - Sprouting Affected Acres: 23
<p>The management prescription for this stand is from an interim plan. An interim plan is required for DNR Forestry Areas where the previous Area Timber Management Plan has expired and a new 7-year Subsection Forest Resource Management Plan has not yet been completed. Stands on the interim plan have been selected by DNR Forestry and Wildlife staff based primarily on the management goals and harvest levels of the previous forest management plan. The purpose of listing/displaying stands from the interim plan is to notify the public of the planned forest management activity and allow the public to review the proposed management of the forest stand. Public comments are invited. Comments will be sent directly to the DNR Forestry Area office that administers the state forest land.</p> <p>Top of Form</p> <div style="border: 1px solid gray; padding: 2px; width: fit-content; margin: 5px auto;"> <input type="button" value="Fill Out Comment"/> </div> <p>Bottom of Form</p>

Stand Attributes	
Cover Type Aspen	Understory Type Aspen
Year of Inventory: 1982 Age (at inventory): 64 years Average Diameter Class : 9 to 14.9 inches Density Class : 22.5-27.5 cords per acre Basal Area : 111 square feet per acre	Average Diameter Class : 0 to 0.9 inches Density class : 750-1250

Volume : 27 cords per acre Condition Class : Mature		1,250 stems per acre
Stand Composition By Major Tree Species		
Main Species in Type		
Species	DBH	Volume
Trembling Aspen	11 inches	20.5 cords per acre
Other Species > 5" DBH		
Balsam Fir	7 inches	4.3 cords per acre
Paper Birch	8 inches	1.8 cords per acre
Northern White Cedar	12 inches	0.6 cords per acre
White Spruce	5 inches	0.1 cords per acre

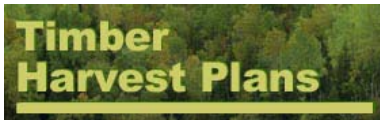
Site Attributes
Site Index : 71 Physiographic Class : Mesic Site Topography: Rolling Stand Area: 23 acres Management Status : Normal timber harvest allowed



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Public Comment Form



Public Comment Form

Comments for interim plan at stand ID 13630063159

Location: St. Louis County, Township 63 North, Range 15 West, Section 36, Stand # 30

DNR Forestry Area: Tower (245)

The management prescription for this stand is from an **interim** plan. An interim plan is required for DNR Forestry Areas where the previous Area Timber Management Plan has expired and a new 7-year Subsection Forest Resource Management Plan has not yet been completed. Stands on the interim plan have been selected by DNR Forestry and Wildlife staff based primarily on the management goals and harvest levels of the previous forest management plan.

The purpose of listing/displaying stands from the interim plan is to notify the public of the planned forest management activity and allow the public to review the proposed management of the forest stand. Public comments are invited.

Comments will be sent directly to the DNR-Forestry Area office that administers the state forest land. Replies will be made after the public comment period.

Please type (or cut & paste) your comments into the box below:

To assist us in replying to your comments, please provide the following information.

Anonymous comments cannot be considered in the management of this forest stand.

Asterisks (*) indicate required fields.

*First Name: *Last Name:

*Address:

Address:

*City: *State: *Zip:

Telephone: () email:

Example of AHP Review and Open House News Release

Annual timber harvest plans available for review

The public is invited to review annual timber harvesting plans for state-administered forest land, according to Tom Baumann of the Minnesota Department of Natural Resources.

These annual timber harvest plans are for the state's new fiscal year, which starts July 1, 2003, and ends June 30, 2004, said Baumann, DNR forest resource program manager. All comments on the plans will be accepted through April 15, 2003.

The public has three options for reviewing harvest plans. Proposed harvest locations, management prescriptions and forest inventory information on state forest land can be viewed on the DNR Web site at www.dnr.state.mn.us/forestry/harvesting/plans. Comments regarding a proposed harvest location can be submitted to the DNR using this Web site.

For people not having convenient access to the Internet or who prefer to review and discuss annual harvest information directly with a forester, two other options are available.

Individuals can visit their local DNR Area Forestry office to view forest inventory maps or aerial photos of state forest lands showing where harvesting is planned and ask questions about the local harvest plans. Area offices will have reports on harvest plans in their administrative area and comment forms available.

Open houses will be held at four locations where statewide harvest information will be available. Forestry staff will be present to assist individuals with accessing harvest plan information on the DNR Web site. The dates and locations of the open houses are:

- March 17, 3-7 p.m., St. Paul, DNR Building, 500 Lafayette Road, First Floor Computer Training Room
- March 18, 3-7 p.m., Grand Rapids, Northeast DNR Regional Headquarters, 1201 East Highway 2
- March 18, 3-7 p.m., Rochester, Southern DNR Region, Rochester Office, 2300 Silver Creek Road N.E.
- March 20, 3-7 p.m., Bemidji, Northwest DNR Regional Headquarters, 2115 Birchmont Beach Road N.E.

Annual harvest plans are derived from existing forest management plans, which are based on long-term forest resource management goals. Forestry staff evaluates forest sites from these annual harvest plans for possible timber sales. If a forest site meets the criteria for a timber sale, the appraised timber will be offered for sale in the new fiscal year.

Example of Area Stand AHP Listing

FY2004 Annual Timber Harvest Plan for DNR Forest Lands in the Effie Forestry Area

<u>Area</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>E/W</u>	<u>Stand No.</u>	<u>Cover Type</u>	<u>Plan Acres</u>	<u>Plan Prescription</u>	<u>Plan</u>
Effie	61	24	6	9	8	Aspen	27	Even-Aged Regen Harvest	Interim
Effie	61	24	6	9	4	Aspen	77	Even-Aged Regen Harvest	Interim
Effie	61	24	6	9	7	Balsam Fir	38	Even-Aged Regen Harvest	Interim
Effie	61	24	33	9	1	Aspen	37	Even-Aged Regen Harvest	Interim
Effie	61	24	34	9	15	Aspen	6	Shelterwood	Interim
Effie	61	24	34	9	14	Birch	17	Shelterwood	Interim
Effie	64	24	35	9	1	Cedar	6	Uneven-Aged Regen Harvest	New, Thin
Effie	64	24	36	9	5	Cedar	343	Uneven-Aged Regen Harvest	New, Thin
Effie	60	25	1	9	4	Stagnant Spruce	2	Clearcut- with Reserves	Interim
Effie	60	25	1	9	9	Stagnant Cedar	10	Clearcut- with Reserves	Interim
Effie	60	25	2	9	8	Stagnant Cedar	5	Clearcut- with Reserves	Interim
Effie	60	25	2	9	12	Aspen	33	Clearcut- with Reserves	Interim
Effie	60	25	2	9	22	Balsam Fir	33	Clearcut- with Reserves	Interim
Effie	60	25	2	9	9	Balsam Fir	10	Clearcut- with Reserves	Interim
Effie	64	25	7	9	14	Black Spruce, Lowland	51	Even-Aged Regen Harvest	Interim
Effie	64	25	7	9	10	Tamarack	9	Even-Aged Regen Harvest	Interim
Effie	64	25	18	9	3	Tamarack	28	Even-Aged Regen Harvest	Interim
Effie	64	25	18	9	1	Tamarack	18	Even-Aged Regen Harvest	Interim
Effie	149	25	16	9	15	Norway Pine	6	Intermediate Treatment	New, Thin
Effie	149	25	16	9	21	White Spruce	25	Intermediate Treatment	New, Thin
Effie	149	25	16	9	14	White Spruce	33	Intermediate Treatment	New, Thin
Effie	149	25	16	9	19	White Spruce	8	Intermediate Treatment	New, Thin
Effie	149	25	16	9	16	Norway Pine	9	Intermediate Treatment	New, Thin
Effie	149	25	16	9	20	Norway Pine	13	Intermediate Treatment	New, Thin
Effie	150	25	2	9	13	Aspen	100	Even-Aged Regen Harvest	Interim
Effie	152	25	20	9	17	Black Spruce, Lowland	23	Even-Aged Regen Harvest	Interim

<u>Area</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>E/W</u>	<u>Stand No.</u>	<u>Cover Type</u>	<u>Plan Acres</u>	<u>Plan Prescription</u>	<u>Plan</u>
Effie	152	25	21	9	3	Black Spruce, Lowland	15	Even-Aged Regen Harvest	Interim
Effie	152	25	21	9	20	Black Spruce, Lowland	12	Even-Aged Regen Harvest	Interim
Effie	152	25	29	9	7	Black Spruce, Lowland	26	Even-Aged Regen Harvest	Interim
Effie	153	25	1	9	6	Black Spruce, Lowland	33	Even-Aged Regen Harvest	Adopted
Effie	60	26	16	9	18	Norway Pine	54	Uneven-Aged Regen Harvest	New, Thin
Effie	63	26	14	9	6	Black Spruce, Lowland	60	Even-Aged Regen Harvest	Interim
Effie	149	26	19	9	4	Black Spruce, Lowland	8	Even-Aged Regen Harvest	Interim
Effie	149	26	19	9	3	Tamarack	53	Even-Aged Regen Harvest	Interim
Effie	150	26	13	9	4	Lowland Hardwoods	90	Uneven-Aged Regen Harvest	Interim
Effie	150	26	13	9	5	Ash	11	Uneven-Aged Regen Harvest	Interim
Effie	151	26	5	9	9	Aspen	14	Even-Aged Regen Harvest	Interim
Effie	151	26	5	9	17	Aspen	9	Even-Aged Regen Harvest	Interim
Effie	151	26	5	9	15	Aspen	56	Even-Aged Regen Harvest	Interim
Effie	152	26	16	9	23	Norway Pine	9	Intermediate Treatment	New, Thin
Effie	152	26	16	9	32	Aspen	22	Even-Aged Regen Harvest	Adopted
Effie	152	26	17	9	23	Aspen	10	Even-Aged Regen Harvest	Adopted
Effie	152	26	17	9	22	Aspen	30	Even-Aged Regen Harvest	Adopted
Effie	152	26	31	9	19	Birch	3	Even-Aged Regen Harvest	Interim
Effie	152	26	31	9	23	Ash4	25	Even-Aged Regen Harvest	Interim
Effie	61	27	36	9	18	Aspen	18	Even-Aged Regen Harvest	Interim
Effie	61	27	36	9	3	Balsam Fir	31	Even-Aged Regen Harvest	Interim
Effie	63	27	2	9	2	Black Spruce, Lowland	110	Even-Aged Regen Harvest	Interim
Effie	149	27	6	9	8	Northern Hardwoods	29	Uneven-Aged Regen Harvest	Interim
Effie	149	27	6	9	3	Northern Hardwoods	30	Uneven-Aged Regen Harvest	Interim
Effie	149	27	8	9	7	Northern Hardwoods	13	Uneven-Aged Regen Harvest	Interim
Effie	149	27	31	9	2	Aspen	10	Even-Aged Regen Harvest	Interim
Effie	149	27	36	9	29	Aspen	3	Even-Aged Regen Harvest	Interim
Effie	149	27	36	9	12	Aspen	15	Even-Aged Regen Harvest	Interim
Effie	149	27	36	9	18	Black Spruce, Lowland	4	Even-Aged Regen Harvest	Interim
Effie	149	27	36	9	30	Aspen	6	Even-Aged Regen Harvest	Interim
Effie	149	27	36	9	31	Aspen	5	Even-Aged Regen Harvest	Interim

<u>Area</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>E/W</u>	<u>Stand No.</u>	<u>Cover Type</u>	<u>Plan Acres</u>	<u>Plan Prescription</u>	<u>Plan</u>
Effie	149	27	36	9	27	Aspen	8	Even-Aged Regen Harvest	Interim
Effie	149	27	36	9	15	Aspen	13	Even-Aged Regen Harvest	Interim
Effie	149	27	36	9	21	Aspen	6	Even-Aged Regen Harvest	Interim
Effie	150	27	18	9	5	Norway Pine	14	Intermediate Treatment	New, Thin
Effie	150	27	35	9	3	Jack Pine	19	Even-Aged Regen Harvest	Interim
Effie	152	27	12	9	10	Tamarack	17	Even-Aged Regen Harvest	Adopted
Effie	152	27	12	9	1	Black Spruce, Lowland	45	Even-Aged Regen Harvest	Adopted
Effie	153	27	31	9	10	Aspen	35	Even-Aged Regen Harvest	Adopted
Effie	153	27	34	9	16	Ash	71	Uneven-Aged Regen Harvest	Interim
Effie	153	27	36	9	24	Black Spruce, Lowland	35	Even-Aged Regen Harvest	Adopted
Effie	149	28	2	9	4	Northern Hardwoods	10	Uneven-Aged Regen Harvest	Interim
Effie	149	28	25	9	2	Aspen	19	Even-Aged Regen Harvest	Interim
Effie	149	28	36	9	6	Black Spruce, Lowland	4	Even-Aged Regen Harvest	Interim
Effie	149	28	36	9	20	Aspen	52	Even-Aged Regen Harvest	Interim
Effie	149	28	36	9	19	Black Spruce, Lowland	4	Even-Aged Regen Harvest	Interim
Effie	151	29	16	9	14	Aspen	26	Even-Aged Regen Harvest	Interim
Effie	151	29	16	9	12	Aspen	31	Even-Aged Regen Harvest	Interim
Effie	151	29	32	9	1	Ash4	23	Even-Aged Regen Harvest	Interim
Effie	152	29	16	9	12	Aspen	54	Even-Aged Regen Harvest	Interim
Effie	152	29	17	9	3	Aspen	40	Even-Aged Regen Harvest	Interim
Area Total							2307		

FY2004 Harvest Plan Cover Type Acres (Statewide Summary)

26-Feb-03

<u>Forest Cover</u>	<u>Plan Acres</u>
Ash	2157
Aspen	26999
Birch	3755
Balm of Gilead	2050
Northern Hardwoods	5174
Walnut	44
Oak	3361
Central Hardwoods	92
White Pine	680
Norway Pine	3616
Jack Pine	2543
Scotch Pine	41
White Spruce	1064
Balsam Fir	2714
Black Spruce, Lowland	4699
Tamarack	3029
Cedar	588
Black Spruce, Upland	214
Stagnant Spruce	802
Stagnant Tamarack	20
Stagnant Cedar	28
Offsite Oak	35
Red Cedar	17
Lowland Grass	7
Lowland Brush	15
Upland Brush	12
Lowland Hardwoods	479
Beaver Flooded Area	19
Marsh	6
<u>Statewide Total:</u>	64260

FY2004 Harvest Plan Prescription Acres (Statewide Summary)

26-Feb-03

<u>Prescription Code</u>	<u>Prescription Type</u>	<u>Plan Acres</u>
1000	Regeneration Harvest	1914
1100	Even-Aged Regeneration Harvest	11627
1110	Clearcut	17
1111	Clearcut with Reserves	6377
1112	Clearcut - Sprouting	7
1113	Clearcut with Reserves - Sprouting	14838
1116	Clearcut - Natural Seeding	479
1117	Clearcut with Reserves - Natural Seeding	1480
1118	Clearcut - Artificial Seeding	980
1119	Clearcut with Reserves - Artificial Seeding	968
1120	Seed Tree	766
1122	Seed Tree - Interim Cut	123
1130	Shelterwood	202
1134	Shelterwood - Final Harvest	27
1135	Shelterwood with Reserves - Final Harvest	25
1140	Salvage - Clearcut	23
1143	Salvage with Reserves - Clearcut - Windstorm	240
1147	Salvage with Reserves - Clearcut - I & D	63
1148	Salvage - Clearcut - Environment (Beaver Flooded)	10
1149	Salvage with Reserves - Clearcut - Env. (Beaver)	5
1200	Two-Aged Regeneration Harvest	133
1212	Clearcut with Reserves - Sprouting	2390
1230	Shelterwood with Reserves	27
1232	Shelterwood with Reserves - Intermediate Cut	131
1234	Shelterwood with Reserves - Final Cut	12
1300	Uneven-Aged Regeneration Harvest	4180
1315	Group Selection with Reserves	410
1320	Group Selection - Salvage	139
1330	Single Tree Selection	2333
1800	Intermediate Treatment	2991
1810	Commercial Thinning	1915
1814	Row Thinning - Commercial	1467
1816	Strip Thinning - Commercial	210
1820	Selective Thinning - Commercial	3560
1840	Salvage Cut - Selective Harvest	762
1940	Manage for Understory Species	29
1952	Christmas Trees	800
9100	On-site Stand Evaluation	1181
9101	On-site Evaluation - High Risk or Low Volume Stand	1377
9110	Re-Inventory	42
	<u>Statewide Total:</u>	64260

Notice of Annual Plan Additions

Notice of Annual Plan Additions Fiscal Year 2004 Harvest Plan Addition #2

The following stands were not listed on the DNR Annual Timber Harvest Plans web site: <http://www.dnr.state.mn.us/forestry/harvesting/plans.html> . This notice is to inform you of additions to the harvest plan for Fiscal Year 2004 (July 1, 2003 - June 30, 2004). Stand location and data can be viewed through the ForestView web site: <http://www.ra.dnr.state.mn.us/forestview/> . *Note: Some of the listed sites have been or may be sold prior to the end of the comment period. Timber sales will not be changed after they are sold.* **Comment period ends November 7, 2003.** For information on the upcoming state timber auction sales, see <http://www.dnr.state.mn.us/forestry/timbersales/index.html> or contact the Area Forestry Office where the timber is being sold.

Site No.	Forestry Area	Stand No.	Legal Description			Acres	Cover Type
			Section	Township	Range		
111-1	Bemidji	7	23	147	34	4	Jack pine
111-2	Bemidji	14	23	147	34	3	Jack pine
111-3	Bemidji	13	24	147	34	7	Jack pine
111-4	Bemidji	1	16	146	35	26	Jack pine
111-5	Bemidji	2	16	146	35	4	Aspen
111-6	Bemidji	4	2	145	34	33	Jack pine
111-7	Bemidji	7	36	146	34	140	Jack pine
111-8	Bemidji	3	16	146	32	116	Jack pine

Site No.'s 111-1 through 111-8 are being planned for harvest because they have become heavily infested with jack pine budworm. The stands are heavily defoliated and a high level of mortality is expected. The tracts will be offered on a special jack pine salvage auction to be held on October 15, 2003. This quick action is needed because the timber should be harvested before next spring to help control populations of budworm and pine bark beetle and to make use of the wood before its utility is reduced by decay.

Site No. 111-1 is a 4-acre remnant of a 66-year old jack pine stand of the central dry pine woodland plant community. The understory is predominantly hazel and oak. The prescription is clearcut with aspen, red pine, and oak residuals.

Site No. 111-2 is a 3-acre remnant of a 63-year old jack pine stand of the central dry pine woodland plant community. The understory is predominantly hazel and oak. The prescription is clearcut with aspen, red pine, and oak residuals.

Site No. 111-3 is a 7-acre remnant of a 59-year old jack pine stand of the central dry pine woodland plant community. The understory is predominantly hazel and oak. The prescription is clearcut with aspen, red pine, and oak residuals.

Site No. 111-4 is a 26-acre, 64-year old jack pine plantation of the central dry pine woodland plant community. The understory is predominantly hazel and oak. The prescription is clearcut with red pine, oak, and birch residuals. Two legacy patches will be reserved.

Site No. 111-5 is a 4-acre inclusion (small patch) of jack pine within a 36-year old aspen stand. This is also within the central dry pine woodland plant community. The understory is predominantly hazel and oak. The prescription is clearcut with red pine, oak, and birch residuals.

Site No. 111-6 is a 33-acre, 63-year old mixed hardwood/conifer stand dominated by jack pine. It is in the central dry-mesic pine-hardwood forest plant community. Aspen, jack pine, and birch will be removed, leaving a residual stand of oak, red pine, and white spruce.

Site No. 111-7 is a 140-acre, 59-year old jack pine plantation of the central rich dry pine woodland plant community. It had sustained heavy natural mortality even before the budworm infestation. The prescription is for removal of jack pine and aspen, leaving a residual stand of oak, birch, and red pine.

Site No. 111-8 is a 136-acre, 58-year old jack pine stand of the central dry pine woodland plant community. Significant mortality had begun to occur within the stand prior to the budworm outbreak. The prescription is clearcut with aspen and red pine residuals. Six legacy patches will be reserved.

Site No.	Forestry Area	Stand No.	Legal Description			Acres	Cover Type
			Section	Township	Range		
117-1	Blackduck	11	5	153	30	10	Ash
117-2	Blackduck	1	31	153	30	6	Lowland brush
117-3	Blackduck	16	36	153	31	3	Lowland brush
117-4	Blackduck	14	12	153	30	6	Balsam fir
117-5	Blackduck	19	12	153	30	4	Aspen
117-6	Blackduck	14	26	152	32	8	Aspen
117-7	Blackduck	18	4	147	29	10	Aspen

Site No. 117-1 is an ash stand that has several pockets of mature aspen that will be harvested to regenerate aspen at the same time that the adjacent aspen stand is harvested.

Site No. 117-2 is a lowland brush stand that has islands of mature aspen that will be harvested with the adjacent aspen stand.

Site No. 117-3 is a small area of mature tamarack in a large lowland brush stand that lies between two aspen stands that are planned for harvest.

Site No. 117-4 is a mature balsam fir stand that is deteriorating rapidly and should be harvested with the adjacent aspen stands.

Site No. 117-5 is a small stand of mature aspen that will be offered for sale with the adjacent aspen and balsam fir stands. Delayed harvest will greatly reduce the merchantability of the stand and may reduce the success of natural regeneration.

Site No. 117-6 is replacing two other planned stands (Plan Cuts #4045 and #4047). A field visit indicated that this stand was deteriorating rapidly and harvest could be delayed in the other two stands.

Site No. 117-7 was field visited and was found to be damaged by flooding. It is recommended that the remaining merchantable timber be salvaged. It will be harvested with the adjacent aspen that is already planned for harvest.

The appraised timber from the stands in the Blackduck Forestry Area will be offered for sale during Fiscal Year 2004.

Site No.	Forestry Area	Stand No.	Legal Description			Acres	Cover Type
			Section	Township	Range		

221-1	Deer River	13	17	59	25	3	Birch
221-2	Deer River	16	17	59	25	11	Birch

Site No. 221-1 is a 3-acre paper birch stand adjoining FY2004 planned harvest. The stand is 75-years old and contains diseased and blown-down trees.

Site No. 221-2 is an 11-acre paper birch stand near FY2004 planned harvest. The stand is 73-years old and contains some blown-down trees.

Both of these stands were scheduled to be on the FY2005 plan, but will be moved ahead to FY2004 so they can be treated at the same time as other stands nearby.

Site No.	Forestry Area	Stand No.	Legal Description			Acres	Cover Type
			Section	Township	Range		
253-1	Two Harbors	1	7	55	9	20	Aspen
253-1	Two Harbors	9	25	63	4E	7	Birch
253-1	Two Harbors	11	25	63	4E	5	Birch

Site No.'s 253-1 through 3 are stands in two separate locations that are part of the site-level forest management guidelines research project. The areas will be marked and harvested to study the effects of implementing guideline recommendations on these sites for at least the next 10 years. Harvesting will occur in the winter of 2003-2004.

Site No.	Forestry Area	Stand No.	Legal Description			Acres	Cover Type
			Section	Township	Range		
344-1	Sandstone	13	28	42	17	18	Oak
344-2	Sandstone	6	36	44	18	11	Aspen

Site No. 344-1 is an oak stand that is contiguous with a stand on adjacent private land that the DNR is assisting with setting up for harvest. This stand will be selectively marked for a first entry thinning. The appraised timber will probably be sold as an informal permit to the person doing the harvesting on the adjacent private land.

Site No. 344-2 is a mature aspen stand that rims the edge of a mature birch stand that is scheduled for a stand examination on the FY2004 harvest plan. If the birch stand is suitable for a timber sale, the aspen stand will be sold with it to eliminate another entry into this location. The appraised timber will be offered for sale by auction in December 2003.

Site No.	Forestry Area	Stand No.	Legal Description			Acres	Cover Type
			Section	Township	Range		
431-1	Lewiston	218	35	106	5	16	Norway pine
431-2	Lewiston	234	34	106	5	5	Ash
431-3	Lewiston	53	34	106	5	4	Ash
431-4	Lewiston	244	34	106	5	6	Ash

Site No.'s 431-1 through 4: The Great River Bluffs State Park vegetation management plan proposed to remove or reduce the acreage of trees that are not native to lands in the park. This portion of the park was previously under the administration of the Division of Forestry and it had been planted to Norway pine, green ash, and walnut. After administrative control for the tract was transferred to the Division of Parks, their park management planning process proposed to remove all the Norway pine and reduce the green ash so that other tree species could develop there. In 1998, a timber sale took place in the same area, which reduced the acreage of Norway pine substantially. The proposed sale would complete the removal of the remaining Norway pine and would reduce by thinning the green ash plantations. Setting up a sale to harvest the timber from the listed stands has been requested by the park manager at Great River Bluffs State Park. It is anticipated that the appraised timber will be sold this fall or early winter.

If you have comments on any of the listed stands, please respond by November 7, 2003. This notice will also be posted on our web site, Current Notices of Annual Plan Additions: http://www.dnr.state.mn.us/forestry/harvesting/plan_additions.html .

Send comments or questions to Gaylord Paulson, DNR-Division of Forestry, 500 Lafayette Road, St. Paul, MN 55155-4044, e-mail: Gaylord.Paulson@dnr.state.mn.us , Fax No. 651-296-5954, or call: 651-205-4571. Include the Site No. with your comments.

2004 Timber Sales Calendar

Notices of Sale become available approximately 30 days before the date of each sale, and can be viewed by clicking on an active link for an upcoming sale in the Sale Name column below.

Results of timber auction sales showing which tracts were sold, their bid (selling) price and who purchased them are posted approximately 5 days after the sale and remain available for ninety days following the date of sale. Click on an active link in the Sale Name column below to display the detailed results for sales held within the last ninety days.

DATE	SALE #	AUCTION TYPE *	SALE NAME	TIME	LOCATION
Jan 05	1	Regular	Goodhue/Wabasha Co	10:00 AM	Lake City DNR Office
Jan 13	1	Intermediate	Park Rapids/Detroit Lakes Areas	3:00 P.M.	Hubbard County Courthouse
Jan 29	1	Intermediate	Bemidji Area	9:30 A.M.	Bemidji Area DNR Forestry Office
Mar 29	1	Regular	Goodhue/Wabasha Co	10:00 AM	Lake City DNR Office
Apr 01	1	Regular	Beltrami/Kittson/Lake of the Woods/ Marshall/Pennington/Roseau	9:30 A.M.	Grygla Community Center
Apr 01	2	Intermediate	Warroad Area	10:00 A.M.	Grygla Community Center
Apr 08	1	Regular	Clearwater/Mahnomen/Polk/Red Lake	9:00 A.M.	Bagley DNR Forestry Office
Apr 15	1	Regular	Sherburne/Isanti/Chisago/Anoka Co	10:00 AM	Cambridge Area Forestry Office
Apr 16	1	Regular	Houston/Fillmore Co	10:00 AM	Rushford Fire Hall
Apr 30	1	Regular	St Louis/Lake Counties	10:00 AM	Two Harbors DNR Office
May 11	1	Regular	Hubbard/Becker/Wadena Counties	3:00 P.M.	Park Rapids Environmental Education Bldg.
May 13	1	Intermediate	Littlefork Area	9:30 AM	Big Falls

					Community Bldg
May 13	2	Regular	Koochiching Co	10:30 Am	Big Falls Community Bldg
May 17	1	Regular	Aitkin Co	10:00 AM	Long Lake Cons. Ctr, Palisade
May 17	2	Intermediate	Aitkin Area	11:00 AM	Long Lake Cons. Ctr, Palisade
May 26	1	Regular	Pine / Kanabec Co	7:00 PM	Rutledge Community Center
May 26	2	Intermediate	Hinckley/Cambridge Areas	8:00 PM	Rutledge Community Center
May 26	3	Regular	Itasca/St.Louis/Koochiching	9:30 AM	Iron World, Chisholm
May 26	4	Intermediate	Hibbing Area	11:00 AM	Iron World, Chisholm
May 28	1	Regular	Beltrami/Cass/Hubbard/Itasca Counties	9:00 A.M.	Bemidji Area DNR Forestry Office
May 28	2	Intermediate	Bemidji Area	9:30 A.M.	Bemidji Area DNR Forestry Office
Jun 01	1	Regular	Itasca/Cass/Koochiching Co	9:30 AM	Big Fork Community Ctr
Jun 01	2	Intermediate	Deer River/Effie Areas	10:30 AM	Big Fork Community Ctr
Jun 04	1	Regular	Cass County	10:00 A.M.	Backus City Hall
Jun 04	2	Intermediate	Backus Area	11:00 A.M.	Backus City Hall
Jun 07	1	Regular	Lake/St.Louis/Koochiching Co	9:00 AM	Orr City Hall
Jun 07	2	Intermediate	Orr/Tower Areas	9:30 AM	Orr City Hall
Jun 08	1	Regular	Lake of the Woods/Kooch	9:00 A.M.	Baudette DNR

			Counties		Forestry Office
Jun 08	2	Intermediate	Baudette Area	9:30 A.M.	Baudette DNR Forestry Office
Jun 09	1	Regular	Beltrami/Itasca/Kooch Counties	9:00 A.M.	Blackduck Senior Center
Jun 09	2	Intermediate	Blackduck Area	9:30 A.M.	Blackduck Senior Center
Jun 10	1	Regular	Beltrami/Kittson/Lake of the Woods/ Marshall/Pennington/Roseau Counties	9:30 A.M.	Warroad City Hall
Jun 10	2	Intermediate	Warroad Area	10:00 A.M.	Warroad City Hall
Jun 17	1	Regular	Aitkin/Pine Co	10:00 AM	McGrath Forestry Office
Jun 22	1	Regular	Carlton / St Louis Co	9:00 AM	Cloquet Forestry Office
Jun 22	2	Intermediate	Cloquet Area	9:30 AM	Cloquet Forestry Office

* There are two auction types:

- **Regular** auctions offer up to 6,000 cords per tract, last up to 5 years in length, and are open to all purchasers.
- **Intermediate** auctions offer up to 3,000 cords per tract, last up to 5 years in length, and are open only to individuals and to firms with 20 or fewer employees. These are small business set-aside sales.

**List of Stands with a White Pine Component
FY2004 Harvest Plan**

<u>Area Name</u>	<u>Sec</u>	<u>Stand No.</u>	<u>Twp</u>	<u>Rge</u>	<u>Stand ID</u>	<u>Cover Type</u>	<u>Preliminary Stand Prescription</u>	<u>Acres</u>
Aitkin	24	2	46	24	12402046249	Birch	Clearcut with Reserves - Sprouting	22
Aitkin	33	8	49	23	13308049239	Norway Pine	Intermediate Treatment	7
Aitkin	15	12	50	23	11512050239	Aspen	Even-Aged Regeneration Harvest	76
Aitkin	18	20	50	23	11820050239	Birch	Even-Aged Regeneration Harvest	9
Aitkin	19	8	50	23	11908050239	Birch	Even-Aged Regeneration Harvest	3
Aitkin	21	12	50	23	12112050239	Ash	Uneven-Aged Regeneration Harvest	7
Aitkin	24	12	50	23	12412050239	Aspen	Even-Aged Regeneration Harvest	14
Aitkin	24	14	50	23	12414050239	Aspen	Even-Aged Regeneration Harvest	15
Aitkin	24	18	50	23	12418050239	Aspen	Even-Aged Regeneration Harvest	20
Aitkin	24	6	50	27	12406050279	Norway Pine	Intermediate Treatment	10
Aitkin	16	11	51	23	11611051239	Birch	Even-Aged Regeneration Harvest	19
Aitkin	23	5	52	22	12305052229	Balsam Fir	Even-Aged Regeneration Harvest	6
Aitkin	30	35	52	24	13035052249	Norway Pine	Intermediate Treatment	12
Aitkin	11	10	52	25	11110052259	White Pine	Intermediate Treatment	133
Aitkin	2	4	52	25	10204052259	White Pine	Intermediate Treatment	4
Aitkin	34	17	52	26	13417052269	Balsam Fir	Even-Aged Regeneration Harvest	21
Backus	12	1	139	30	11201139309	Aspen	Clearcut with Reserves - Sprouting	40
Backus	16	10	140	26	11610140269	Birch	Clearcut with Reserves - Sprouting	7
Backus	16	8	140	26	11608140269	Aspen	Clearcut with Reserves - Sprouting	19
Backus	3	1	140	28	10301140289	Aspen	Clearcut with Reserves - Sprouting	14
Bagley	35	3	143	37	13503143379	Norway Pine	Salvage - Clearcut	9
Bagley	36	3	143	38	13603143389	Aspen	Clearcut with Reserves	4
Bagley	36	4	143	38	13604143389	Aspen	Clearcut with Reserves	5
Baudette	10	32	158	34	11032158349	White Pine	Row Thinning - Commercial	4
Baudette	10	9	158	34	11009158349	Jack Pine	Clearcut - Natural Seeding	10
Bemidji	7	10	143	31	10710143319	Northern Hardwoods	Uneven-Aged Regeneration Harvest	5
Bemidji	16	15	147	31	11615147319	Balsam Fir	Shelterwood	16
Bemidji	35	14	148	33	13514148339	Balsam Fir	Clearcut with Reserves - Sprouting	5
Bemidji	35	2	148	33	13502148339	White Spruce	Clearcut with Reserves - Artificial	7
Bemidji	31	3	148	34	13103148349	Jack Pine	Even-Aged Regeneration Harvest	9

<u>Area Name</u>	<u>Stand</u>				<u>Stand ID</u>	<u>Cover Type</u>	<u>Preliminary Stand Prescription</u>	<u>Acres</u>
	<u>Sec</u>	<u>No.</u>	<u>Twp</u>	<u>Rge</u>				
Blackduck	34	9	148	30	13409148309	Aspen	Shelterwood	25
Blackduck	18	5	148	31	11805148319	Balsam Fir	Salvage - Clearcut	14
Blackduck	32	10	148	31	13210148319	Birch	Clearcut with Reserves	21
Brainerd	11	35	134	30	11135134309	White Pine	Intermediate Treatment	3
Brainerd	11	36	134	30	11136134309	White Pine	Intermediate Treatment	3
Brainerd	11	37	134	30	11137134309	White Pine	Intermediate Treatment	1
Brainerd	11	38	134	30	11138134309	White Pine	Intermediate Treatment	4
Brainerd	12	17	134	30	11217134309	White Pine	Intermediate Treatment	4
Brainerd	36	7	134	30	13607134309	Norway Pine	Intermediate Treatment	4
Brainerd	16	1	137	26	11601137269	Jack Pine	Even-Aged Regeneration Harvest	38
Brainerd	16	10	137	26	11610137269	Norway Pine	Intermediate Treatment	20
Brainerd	16	8	137	26	11608137269	Norway Pine	Intermediate Treatment	30
Brainerd	26	20	137	27	12620137279	White Pine	Intermediate Treatment	2
Brainerd	21	3	137	28	12103137289	White Pine	Intermediate Treatment	2
Brainerd	36	4	137	29	13604137299	White Pine	Re-Inventory	15
Brainerd	16	23	45	29	11623045299	Norway Pine	Intermediate Treatment	5
Brainerd	16	24	45	29	11624045299	Norway Pine	Intermediate Treatment	4
Brainerd	16	28	45	29	11628045299	Norway Pine	Intermediate Treatment	14
Brainerd	36	8	47	28	13608047289	White Pine	Intermediate Treatment	7
Brainerd	36	5	47	29	13605047299	White Pine	Intermediate Treatment	5
Caledonia	13	18	101	5	11318101059	Norway Pine	Commercial Thinning	4
Caledonia	17	5	101	5	11705101059	Norway Pine	Commercial Thinning	4
Caledonia	24	17	101	5	12417101059	Norway Pine	Commercial Thinning	2
Caledonia	25	4	101	5	12504101059	White Pine	Commercial Thinning	12
Caledonia	24	10	103	7	12410103079	Scotch Pine	Commercial Thinning	2
Caledonia	25	3	103	7	12503103079	Scotch Pine	Commercial Thinning	8
Cambridge	27	11	34	21	12711034219	Oak	Uneven-Aged Regeneration Harvest	106
Cambridge	16	24	34	27	11624034279	White Pine	Intermediate Treatment	48
Cambridge	16	27	34	27	11627034279	Norway Pine	Intermediate Treatment	4
Cambridge	24	2	34	27	12402034279	Aspen	Even-Aged Regeneration Harvest	5
Cambridge	28	19	34	27	12819034279	White Pine	Intermediate Treatment	9
Cambridge	29	3	34	27	12903034279	White Pine	Intermediate Treatment	12
Cambridge	33	3	34	27	13303034279	Norway Pine	Intermediate Treatment	62

<u>Area Name</u>	<u>Stand</u>				<u>Stand ID</u>	<u>Cover Type</u>	<u>Preliminary Stand Prescription</u>	<u>Acres</u>
	<u>Sec</u>	<u>No.</u>	<u>Twp</u>	<u>Rge</u>				
Cambridge	35	32	34	27	13532034279	White Pine	Intermediate Treatment	6
Cambridge	35	4	34	27	13504034279	White Pine	Intermediate Treatment	8
Cambridge	36	3	34	27	13603034279	Norway Pine	Intermediate Treatment	37
Cambridge	17	3	35	19	11703035199	Norway Pine	Intermediate Treatment	3
Cambridge	17	8	35	19	11708035199	White Pine	Intermediate Treatment	6
Cambridge	5	4	35	19	10504035199	Norway Pine	Intermediate Treatment	8
Cambridge	8	5	35	19	10805035199	Norway Pine	Intermediate Treatment	7
Cambridge	31	1	36	19	13101036199	Norway Pine	Intermediate Treatment	6
Cloquet	23	1	46	16	12301046169	Aspen	Regeneration Harvest	14
Cloquet	16	12	47	17	11612047179	White Spruce	Intermediate Treatment	9
Cloquet	16	16	47	17	11616047179	Norway Pine	Intermediate Treatment	25
Cloquet	36	25	47	17	13625047179	Aspen	Regeneration Harvest	84
Cloquet	31	10	49	16	13110049169	White Pine	Intermediate Treatment	26
Cloquet	31	13	49	16	13113049169	White Pine	Intermediate Treatment	29
Cloquet	31	24	49	16	13124049169	White Pine	Intermediate Treatment	3
Cloquet	31	4	49	16	13104049169	White Pine	Intermediate Treatment	3
Cloquet	32	9	49	16	13209049169	White Pine	Intermediate Treatment	18
Cloquet	15	3	49	19	11503049199	White Pine	Intermediate Treatment	5
Cloquet	22	1	49	19	12201049199	White Pine	Intermediate Treatment	24
Cloquet	22	11	49	19	12211049199	Aspen	Regeneration Harvest	29
Cloquet	22	17	49	19	12217049199	Birch	Regeneration Harvest	9
Cloquet	22	3	49	19	12203049199	White Pine	Intermediate Treatment	3
Cloquet	22	31	49	19	12231049199	Birch	Regeneration Harvest	9
Cloquet	22	9	49	19	12209049199	White Pine	Intermediate Treatment	7
Cloquet	27	3	49	19	12703049199	Birch	Regeneration Harvest	5
Cloquet	22	13	52	16	12213052169	White Pine	Intermediate Treatment	3
Cloquet	22	4	52	16	12204052169	White Pine	Intermediate Treatment	11
Cloquet	27	1	52	16	12701052169	White Pine	Intermediate Treatment	16
Cloquet	29	11	52	16	12911052169	White Pine	Intermediate Treatment	8
Cloquet	31	3	52	18	13103052189	Birch	Regeneration Harvest	18
Cloquet	30	11	53	13	13011053139	Black Spruce, Lowland	Regeneration Harvest	15
Cloquet	9	19	53	14	10919053149	White Pine	Intermediate Treatment	25
Cloquet	16	22	54	14	11622054149	White Spruce	Intermediate Treatment	76

<u>Area Name</u>	<u>Stand</u>				<u>Stand ID</u>	<u>Cover Type</u>	<u>Preliminary Stand Prescription</u>	<u>Acres</u>
	<u>Sec</u>	<u>No.</u>	<u>Twp</u>	<u>Rge</u>				
Cloquet	35	16	54	14	13516054149	Norway Pine	Intermediate Treatment	14
Cloquet	35	3	54	14	13503054149	Norway Pine	Intermediate Treatment	6
Cloquet	36	23	54	14	13623054149	Norway Pine	Intermediate Treatment	12
Cloquet	22	15	55	14	12215055149	White Spruce	Intermediate Treatment	9
Cloquet	15	2	55	15	11502055159	White Pine	Intermediate Treatment	4
Cloquet	22	1	55	15	12201055159	White Pine	Intermediate Treatment	13
Deer River	35	12	144	27	13512144279	Norway Pine	Intermediate Treatment	10
Deer River	36	5	144	27	13605144279	Aspen	On-site Stand Evaluation	25
Deer River	17	1	146	26	11701146269	Norway Pine	Intermediate Treatment	14
Deer River	20	7	146	26	12007146269	Birch	On-site Stand Evaluation	22
Deer River	32	5	147	26	13205147269	Aspen	Strip Thinning - Commercial	17
Deer River	7	1	147	26	10701147269	Norway Pine	Intermediate Treatment	26
Deer River	2	6	53	23	10206053239	Norway Pine	Intermediate Treatment	3
Deer River	4	9	53	24	10409053249	Jack Pine	Even-Aged Regeneration Harvest	3
Deer River	18	1	54	24	11801054249	Norway Pine	Intermediate Treatment	7
Deer River	18	18	54	24	11818054249	Norway Pine	Intermediate Treatment	3
Deer River	18	4	54	24	11804054249	Norway Pine	Intermediate Treatment	56
Deer River	26	7	54	26	12607054269	Birch	On-site Stand Evaluation	6
Deer River	16	3	56	25	11603056259	Aspen	Even-Aged Regeneration Harvest	41
Deer River	16	1	58	26	11601058269	Aspen	Even-Aged Regeneration Harvest	42
Deer River	16	11	59	24	11611059249	Birch	On-site Stand Evaluation	33
Deer River	16	5	59	24	11605059249	Birch	On-site Stand Evaluation	9
Detroit Lakes	12	1	142	38	11201142389	Aspen	Clearcut with Reserves	10
Detroit Lakes	24	9	142	38	12409142389	Norway Pine	Selective Thinning - Commercial	7
Effie	36	20	149	28	13620149289	Aspen	Even-Aged Regeneration Harvest	52
Effie	35	3	150	27	13503150279	Jack Pine	Even-Aged Regeneration Harvest	19
Effie	21	3	152	25	12103152259	Black Spruce, Lowland	Even-Aged Regeneration Harvest	15
Effie	2	12	60	25	10212060259	Aspen	Clearcut with Reserves	33
Effie	16	18	60	26	11618060269	Norway Pine	Uneven-Aged Regeneration Harvest	54
Effie	35	1	64	24	13501064249	Cedar	Uneven-Aged Regeneration Harvest	6
Effie	36	5	64	24	13605064249	Cedar	Uneven-Aged Regeneration Harvest	343
Hibbing	32	3	55	21	13203055219	Balsam Fir	Clearcut with Reserves - Natural	37
Hibbing	28	4	56	14	12804056149	Birch	Clearcut with Reserves - Sprouting	7

<u>Area Name</u>	<u>Stand</u>				<u>Stand ID</u>	<u>Cover Type</u>	<u>Preliminary Stand Prescription</u>	<u>Acres</u>
	<u>Sec</u>	<u>No.</u>	<u>Twp</u>	<u>Rge</u>				
Hibbing	33	1	57	17	13301057179	Norway Pine	Selective Thinning - Commercial	10
Hibbing	26	27	59	23	12627059239	Balsam Fir	Clearcut with Reserves - Natural	8
Hibbing	2	10	60	22	10210060229	Norway Pine	Selective Thinning - Commercial	13
Hibbing	16	28	62	23	11628062239	Aspen	Clearcut with Reserves - Sprouting	20
Hibbing	26	13	62	23	12613062239	Norway Pine	Selective Thinning - Commercial	6
Hibbing	26	17	62	23	12617062239	Norway Pine	Selective Thinning - Commercial	5
Hibbing	36	19	63	22	13619063229	Balsam Fir	Clearcut with Reserves - Natural	20
Hinckley	8	2	43	20	10802043209	Birch	Clearcut with Reserves - Sprouting	21
Hinckley	13	13	45	17	11313045179	Birch	Clearcut with Reserves - Sprouting	12
Lake City	18	3	109	11	11803109119	Northern Hardwoods	Uneven-Aged Regeneration Harvest	17
Lake City	13	9	109	12	11309109129	Northern Hardwoods	Uneven-Aged Regeneration Harvest	25
Lewiston	2	2	108	9	10202108099	White Pine	Commercial Thinning	15
Lewiston	6	21	108	9	10621108099	Scotch Pine	Commercial Thinning	28
Littlefork	31	10	154	25	13110154259	Aspen	Even-Aged Regeneration Harvest	26
Littlefork	35	9	156	27	13509156279	Aspen	Even-Aged Regeneration Harvest	53
Littlefork	23	1	64	26	12301064269	Balsam Fir	Even-Aged Regeneration Harvest	27
Littlefork	26	6	66	23	12606066239	Norway Pine	Intermediate Treatment	6
Littlefork	27	4	66	24	12704066249	Balsam Fir	Even-Aged Regeneration Harvest	15
Littlefork	34	14	66	24	13414066249	Balsam Fir	Even-Aged Regeneration Harvest	8
Littlefork	25	5	67	23	12505067239	Norway Pine	Commercial Thinning	9
Littlefork	28	22	67	23	12822067239	Black Spruce, Upland	On-site Evaluation, High Risk or Low Volume	5
Orr	8	3	64	17	10803064179	Black Spruce, Lowland	On-site Evaluation, High Risk or Low Volume	17
Orr	33	2	65	18	13302065189	Birch	On-site Evaluation, High Risk or Low Volume	17
Orr	33	5	65	18	13305065189	Birch	On-site Evaluation, High Risk or Low Volume	5
Orr	36	5	65	18	13605065189	Aspen	Clearcut with Reserves	92
Orr	4	20	65	20	10420065209	Norway Pine	Commercial Thinning	15
Orr	23	11	65	21	12311065219	Norway Pine	Clearcut with Reserves	6
Orr	26	1	65	21	12601065219	White Pine	Commercial Thinning	63
Orr	16	5	66	17	11605066179	Aspen	Clearcut with Reserves	12
Orr	16	6	66	17	11606066179	Norway Pine	Commercial Thinning	4
Orr	18	2	66	21	11802066219	Norway Pine	Commercial Thinning	9
Orr	21	10	66	21	12110066219	White Pine	Commercial Thinning	12
Orr	21	8	66	21	12108066219	Birch	On-site Evaluation, High Risk or Low Volume	12

<u>Area Name</u>	<u>Stand</u>				<u>Stand ID</u>	<u>Cover Type</u>	<u>Preliminary Stand Prescription</u>	<u>Acres</u>
	<u>Sec</u>	<u>No.</u>	<u>Twp</u>	<u>Rge</u>				
Orr	16	13	67	17	11613067179	White Pine	Commercial Thinning	25
Orr	16	21	67	17	11621067179	White Pine	Commercial Thinning	7
Orr	14	10	67	21	11410067219	Black Spruce, Lowland	Clearcut with Reserves	18
Orr	36	25	67	21	13625067219	Aspen	Clearcut with Reserves	6
Orr	10	5	67	22	11005067229	Aspen	Clearcut with Reserves	7
Orr	36	32	67	22	13632067229	Norway Pine	Commercial Thinning	8
Orr	1	37	68	20	10137068209	Balsam Fir	On-site Evaluation, High Risk or Low Volume	7
Orr	32	20	69	21	13220069219	Aspen	Clearcut with Reserves	19
Park Rapids	21	27	140	37	12127140379	Norway Pine	Commercial Thinning	15
Park Rapids	6	2	141	32	10602141329	Aspen	Clearcut with Reserves - Sprouting	10
Park Rapids	6	6	141	32	10606141329	Aspen	Clearcut with Reserves - Sprouting	10
Park Rapids	1	20	141	33	10120141339	Aspen	Clearcut with Reserves - Sprouting	12
Park Rapids	1	3	141	33	10103141339	Aspen	Clearcut with Reserves - Sprouting	12
Park Rapids	2	15	141	33	10215141339	Aspen	Clearcut with Reserves - Sprouting	25
Park Rapids	25	19	142	32	12519142329	Aspen	Clearcut with Reserves - Sprouting	62
Park Rapids	25	29	142	32	12529142329	Aspen	Clearcut with Reserves - Sprouting	11
Park Rapids	16	14	142	33	11614142339	Aspen	Clearcut with Reserves - Sprouting	10
Park Rapids	17	11	142	33	11711142339	Norway Pine	Commercial Thinning	10
Park Rapids	17	38	142	33	11738142339	Jack Pine	Salvage Cut - Selective Harvest	10
Park Rapids	24	14	142	33	12414142339	Aspen	Clearcut with Reserves - Sprouting	10
Park Rapids	34	17	142	33	13417142339	Jack Pine	Salvage Cut - Selective Harvest	20
Park Rapids	34	20	142	33	13420142339	Jack Pine	Salvage Cut - Selective Harvest	26
Park Rapids	36	17	142	33	13617142339	Aspen	Clearcut with Reserves - Sprouting	5
Park Rapids	18	3	142	37	11803142379	Norway Pine	Commercial Thinning	16
Park Rapids	5	4	142	37	10504142379	Aspen	Clearcut with Reserves - Sprouting	16
Park Rapids	6	1	142	37	10601142379	Norway Pine	Commercial Thinning	20
Park Rapids	7	1	142	37	10701142379	Norway Pine	Commercial Thinning	20
Park Rapids	7	12	142	37	10712142379	Norway Pine	Commercial Thinning	20
Tower	16	11	60	10	11611060109	Norway Pine	Selective Thinning - Commercial	72
Tower	8	2	60	10	10802060109	Aspen	Clearcut with Reserves - Sprouting	15
Tower	8	3	60	10	10803060109	Aspen	Clearcut with Reserves - Sprouting	8
Tower	4	6	61	11	10406061119	Balsam Fir	On-site Stand Evaluation	12
Tower	23	5	61	14	12305061149	Jack Pine	Clearcut with Reserves - Artificial	25

<u>Area Name</u>	<u>Stand</u>				<u>Stand ID</u>	<u>Cover Type</u>	<u>Preliminary Stand Prescription</u>	<u>Acres</u>
	<u>Sec</u>	<u>No.</u>	<u>Twp</u>	<u>Rge</u>				
Tower	23	6	61	14	12306061149	Aspen	Clearcut with Reserves - Sprouting	11
Tower	28	11	62	13	12811062139	Norway Pine	Commercial Thinning	33
Tower	36	7	62	13	13607062139	Black Spruce, Lowland	On-site Evaluation, High Risk or Low Volume	10
Tower	4	11	63	18	10411063189	Aspen	Clearcut with Reserves - Sprouting	4
Tower	4	15	63	18	10415063189	Aspen	Clearcut with Reserves - Sprouting	4
Tower	4	16	63	18	10416063189	Aspen	Clearcut with Reserves - Sprouting	2
Tower	15	1	63	19	11501063199	Aspen	Clearcut with Reserves - Sprouting	20
Tower	25	12	64	13	12512064139	White Pine	Uneven-Aged Regeneration Harvest	22
Tower	25	28	64	13	12528064139	White Pine	Uneven-Aged Regeneration Harvest	33
Tower	33	6	64	18	13306064189	Aspen	Clearcut with Reserves - Sprouting	12
Tower	33	7	64	18	13307064189	Aspen	Clearcut with Reserves - Sprouting	28
Tower	33	8	64	18	13308064189	Aspen	On-site Evaluation, High Risk or Low Volume	16
Two Harbors	21	5	55	12	12105055129	Jack Pine	Clearcut with Reserves	12
Two Harbors	16	22	56	12	11622056129	White Pine	Commercial Thinning	8
Two Harbors	19	1	58	8	11901058089	Birch	Clearcut with Reserves	2
Two Harbors	10	31	62	1	11031062019	Jack Pine	Clearcut with Reserves	3
Two Harbors	22	3	62	1	12203062019	Aspen	Salvage Cut - Selective Harvest	28
Two Harbors	9	9	62	1	10909062019	Jack Pine	Clearcut with Reserves	16
Two Harbors	20	16	62	4	12016062049	White Pine	Single Tree Selection	9
Two Harbors	33	9	64	3	13309064038	Birch	Salvage Cut - Selective Harvest	111
Warroad	20	4	158	36	12004158369	White Spruce	Row Thinning - Commercial	15
Warroad	35	4	159	35	13504159359	Balsam Fir	Group Selection with Reserves	33