

Minnesota Water Plan 2000

Rainy Basin Report

I. **Introduction - Process for development of Minnesota Water Plan 2000 – Rainy Basin Section**

Objective:

Develop the Rainy Basin Section for the Minnesota Water Plan 2000, for submission to Minnesota Planning - Water Plan Task Force by February 25, 1999. The Rainy Basin Section will include comments on the Draft Goals, Objectives and Indicators developed by the Task Force and recommendations for changes, additions and deletions appropriate to the Rainy Basin.

The tight time frame for submission of the Rainy Basin Section does not allow for an extensive, basin planning process. Instead, comments and recommendations should be based on existing regional and local plans (Comprehensive Local Water Plans, river plans, land-use plans and other appropriate plans). Our primary objective is to ensure that the Water Plan 2000 goals, objectives and indicators are broad enough to be relevant to the Rainy Basin. The state plan will serve as the basis for the State's administrative water priorities, policies and budgets for the next 10 years. The Rainy Basin Section will serve as the starting point for development of the Rainy Basin Water Quality Plan in 2001.

Process:

A. **Ad Hoc Basin Organization**

Basin Team:

The Basin Team is the group established to compile and write the Rainy Basin Section for the Minnesota Water Plan 2000.

The original Team was composed of representatives from Minnesota State agencies having natural resource management responsibilities within the Rainy Basin. These individuals were appointed by Minnesota Planning as directed by Governor's Executive Order 99-15. Team members determined that the Team should be expanded to include local resource managers from throughout the Basin. The list of those invited to join the Rainy Basin Team includes staff from: SWCDs, county environmental services and zoning departments, water planners, the US Forest Service, Voyageurs National Park, the Red Lake Band of Chippewa Indians and the Bois Forte Band of Chippewa Indians.

Basin Team members and contacts are listed in Attachment A.

Basin Committee:

The Team invited city councilors, county commissioners, township officials, tribal officials and other interested parties to a meeting on November 22, 1999 for the purpose of developing a steering committee to direct the development of the Rainy Basin Section of the Minnesota Water Plan 2000. Those in attendance were primarily local resource managers on the Basin Team. Those present were undecided whether another meeting of the Basin Committee in January or February was warranted. The decision was deferred pending local input from Team members.

Basin Committee contacts are listed in Attachment A.

B. Local Input

The time frame for development of the Rainy Basin Section does not allow for a comprehensive process to obtain local input. The Basin Team, however, considers local input imperative. The Basin Team, based on the recommendation of county participants on the Team, determined the best way to gather local input was through a partnership with local government - city councils, town boards, county boards and tribal councils - to generate local comments and input in the manner the local unit of government deems most appropriate. This could range from no comment, through staff input only, to holding public informational meetings. The local unit of government will determine the appropriate method. State agency members of the Basin Team will provide assistance with this task if desired by the local government.

C. Basin Sector Groups

There are many organizations and associations that have interests that transcend local administrative boundaries. These include agriculture, citizen advocacy, environmental, mining, timber and tourism. The Basin Team will be responsible for conducting a series of informational meetings to gather input and comment from these Basin sector groups.

Basin Sector Groups and contacts are listed in Attachment B.

II. Comments on Public Review Draft

General:

A. Timeframe for State Plan Development

In general, the preferred way to develop a statewide plan would be to develop local water plans, then develop basin plans from the local plans and finally develop the state plan from the basin plans. The current process puts the cart before the horse. It also would be much more manageable for local governments if there were better integration with ongoing planning processes.

Recommended Action: Integrate Planning – reorganize schedules to incorporate county water plan updates and reduce conflict with end-of-year reports for local government.

B. State Plan indicators and Program Management

The issues in the state water plan will be monitored for specific indicators that will show changes in water quality. Changes in water quality will be the basis for new programs, funding and regulations. The state water plan may become the primary source of information on which new legislation is based. The plan may present a distorted view of the status of surface and ground water quality in the state. This is due to the fact that the indicators in the draft concentrate on rural and agricultural pollution sources to the exclusion of industrial and urban sources. The plan should expand its indicators to measure a broader list of pollution sources.

Recommended Action: Include industrial and urban source indicators. Expand indicators to measure a broader pollution list including trends and sources.

C. Landform (geographic location/predominant land use) Indicators

The statewide goals, objectives and indicators need to allow for management of water resources in relation to the landform type in addition to the basin or watershed. For example, the map on page 16 of the Public Review Document indicates a 43% loss of wetlands in the Upper Mississippi Basin. This may be true, but masks the significant reality that in the northern, non-agricultural part of the Basin (e.g., Itasca County); over 95% of pre-settlement wetlands remain, while the inverse is probably true for the southern part of the Basin.

Recommended Action: Incorporate a regional landform (ecoregion?) / geographic land use component to better clarify where water quality issues are broadly divergent.

D. Public Education and Information Component

There should be a public information and education goal with objectives and indicators covering all goals, objectives and indicators in the state plan.

Recommended Action: Develop a public information and education tool kit and identify responsibilities for program implementation.

E. Support to Local Water Plan Efforts

Locally based, state-supported water planning has been successful in the counties of the Rainy Basin. The state is encouraged to give local water planning substantial support in the future. Enabling local groups, state agencies and others to work together to improve and protect water resources has been able to generate a strong base of local support. These efforts should translate into increased water quality for downstream areas in the Basin.

Recommended Action: Provide substantial support to local water planning efforts in the future.

F. Challenges to Local Planning Efforts

There is concern about the possibility that the state water plan might prescribe water quality standards for river reaches that might be difficult to achieve locally (perhaps because of year to year variations in climate, which is beyond our immediate control). Also, people are very willing to work diligently to protect water resources right where they live; they might not be quite as proactive about working to achieve a "standard" or indicator level of water quality at some point in the major river. One size does not fit all, even within river basins.

The state water plan should not be viewed as a vehicle to dump additional responsibilities on local governments, rather it should be viewed as the beginning of a partnership across all jurisdictions where work is performed at the appropriate level with funding provided by benefiting partners.

Recommended Action: Involve local residents and stakeholders in the standard and goal setting process. One vehicle for this would be the Basin Plan.

G. Climate Issues

It is important to include weather variations when compiling "indicator" values. Year to year variations in some water quality parameters can be significant. Other factors, such as the effect of natural water color (e.g., bog-stained) on water clarity, need to be considered carefully, when comparing between different water bodies, or especially between different major watersheds. Another significant lake water quality parameter, which can make target setting difficult, is the likelihood of an individual lake to thermally stratify (stratified vs. polymictic). It is also important to

recognize the climatic variability across the state. In general, the annual rainfall increases from the west to the east.

Recommended Action: Incorporate a weather/climate factor into the indicators.

H. International Jurisdictions

Three of the State's ten major river basins include international waters. These are the Lake Superior and the Rainy and Red Rivers. In addition, water from the other basins in the state can impact the Gulf of Mexico. Many international goals and objectives are already in place for these basins. These preexisting goals and objectives should be incorporated into, or at least referenced by, the state plan. There needs to be an overall direction for greater international cooperation for border waters.

Recommended Action: International guidance and policy direction should be summarized in the state plan.

Specific Comments:

Goals I, II and IV, and the accompanying objectives and indicators are amenable to local comment and action even though the level of detail is too generic to be sufficient.

Goal: The quality of local water resources will be improved.

Objectives A through C would work well with state / local partnerships with the state supplying funding, methodologies and analytical tools and the local level doing the fieldwork.

Benefits must be based on an identified need and be measurable.

Objective A: Protect and improve water quality in rivers and streams.

The water quality of the Rainy River is monitored and has improved dramatically in recent years. However, it should be understood that paper mills in International Falls, Minnesota and Fort Frances, Ontario, Canada, contribute more wastewater into the Rainy River than all other sources combined. The indicators listed in the state water plan fail to monitor some types of industrial or urban types of pollution.

Is the water quality downstream of rice paddies monitored? If so, this information should be more publicly available.

Temperature is a significant indicator for trout streams.

Objective B: Protect and improve lake water quality.

The only indicator for lake water quality concentrates on clarity. Additional indicators, such as fecal coliform bacteria and trophic state, should be developed.

Objective C: Prevent degradation of groundwater quality and reduce concentrations of contaminants.

Based on testing, nitrates and F. Coliform are of primary concern for groundwater in the Rainy Basin.

Goal: Minnesotans will conserve water supplies and maintain the diverse characteristics of water resources to give future generations a healthy environment and a strong economy.

Objectives D through F could well be accomplished through state / local partnerships.

Indicators 13 and 14 are more appropriate to basins with larger populations. Surface water and water table draw down is not a major issue in the Rainy Basin.

Indicator 15 measurement of wetland gain or loss is not adequate due to the Wetland Conservation Act's no net loss provision. The measurement should take wetland function into consideration.

Goal: Minnesotans will restore and maintain healthy ecosystems that support diverse plants and wildlife.

The indicators for Goal III are more clearly oriented to state agencies.

Goal: Minnesotans will have reasonable and diverse opportunities to enjoy the state's resources.

Objectives I and J will involve joint state and local actions with each level addressing individual areas of responsibility.

Is there a way to measure user satisfaction related to passive, or quiet, enjoyment of water resources? Many, if not all of the indicators listed for this goal would seem to indicate that the higher the number (e.g., # of boat launches), the better the goal is achieved. This may not be the case if crowding becomes a problem, especially on small lakes and streams.

III. Basin Specific Goals, Objectives and Indicators

A. Basin Goals, Objectives and Indicators

The time allotted for preparation of this report was not sufficient for development of shared, basin-wide goals, objectives and indicators. Basin goals, objectives and indicators, along with strategies and projects, will be developed in the Basin Plan.

B. County Specific Goals, Objectives and Indicators

Counties within the Rainy Basin submitted the information contained in this section. The information contained within this section is specific to the county that submitted the information and may not reflect basin wide goals, objectives and indicators.

1. Cook County

Goal: Sewage Treatment -

Objective:

Indicators:

1. Fecal Coliform
2. Nitrate
3. ISTS (% failure, non-compliant)

Goal: Development Issues – produce better, more effective ordinances that pertain to shoreline, planning efforts e.g. lake management plans, maintaining buffers and natural vegetation.

Goal: Development issues – roads and their impacts-conversions of private to public impacts, sediment, culverts, etc.

Goal: Development density – large lots, cluster, design options (intergenerational housing) in upper watershed areas

Goal: Public education on sensitive development issues – unique habitats, endangered species, water quality problems etc.

Goal: Forestry – Incentives to landowners of private forests to incorporate BMP guidelines, Smartwood certification on forest lands program, forest industry is enhanced with sustainable practices

Goal: Tourism and Recreation – Need to promote ecotourism ethics – Leave No Trace. Need public relations program to minimize negatives – user perceptions and behaviors. Water quality standards must support body contact sports – swimming, wading, etc.

Goal: Volunteer monitoring supported and expanded – various programs – Secchi, turbidity tubes, exotics, etc.

Goal: Exotic aquatic programs continued and enhanced – purple loosestrife data readily available by county

Goal: Management tools supported and assistance provided e.g. watershed districts, lake management /improvement districts, local watershed boards, etc.

Goal: Groundwater issues – data collection, data organization, data management, prioritization of future data needs – to include mapping components and routine monitoring. Hydrogeologic atlases completed for all counties.

Goal: Surface water issues – Baseline profiles for major streams. All known data organized and compiled by stream.

Goal: Sensitive species indicators – Support County Biological Surveys. Manage data for retrieval by local resource staffs. – e.g. blue winged teal population, walleye population, mallard population, frog surveys, etc.

In my mind each of these needs to be fleshed out more as to how the 2000 Water Plan can address them. Should only indicators of change be implemented for all of them – or should the state look at program areas that only the state can pursue changes in – funding for example, hearings, training, changes to code and statutes to bring about needed change etc.

2. Itasca County

Objective A. Protect and improve water quality in rivers and streams.

Indicators:

1. Establish current baseline water quality information on rivers and streams.

2. Identify point-source impacts of agricultural and forest management activities on streams.
3. Update existing ordinances and plans relating to water quality and enforce ordinances equally and consistently.
4. Continue volunteer water quality monitoring on the Big Fork River and expand monitoring efforts to other rivers.
5. Assist the Big Fork River Board in implementing the "Recommended Future Actions" for the Big Fork River as outlined in the river management plan.

Objective B. Protect and improve lake water quality.

Indicators:

1. Develop carrying capacities for various types of lakes, and update the existing shoreland management ordinance to incorporate carrying capacity limits.
2. Determine baseline water quality on lakes and conduct detailed watershed studies on selected lakes.
3. Expand and support volunteer monitoring programs.
4. Support and assist shoreland owners interested in forming lake associations, lake improvement districts, watershed districts, and other organizations in order to protect, enhance, and maintain the quality of lakes.
5. Encourage revegetation and stabilization of altered shoreland areas through the use of demonstration projects, and through development and dissemination of "Best Management Practices" fact sheets and videos.
6. Encourage review of proposed developments that are subject to county or municipal approval for appropriate erosion control and stormwater detention and/or treatment.
7. Improve design and revegetation plans for all road projects to reduce sediment and nutrient loading to surface waters.
8. Assist and support agencies researching atmospheric deposition of acid rain pollutants and heavy metals.
9. Create an incentive program, such as low-interest loans or tax incentives, to encourage landowners to upgrade onsite sewage treatment systems.

Objective C. Prevent degradation of ground-water quality and reduce concentrations of contaminants.

Indicators:

1. Coordinate with municipalities on their wellhead protection plans.
2. Inventory unused and unsealed wells and develop a well-sealing cost share program.
3. Encourage, through incentives or free testing, the periodic sampling of private drinking water wells to determine whether contamination has occurred.

Objective D. Maintain ground-water levels to sustain surface water bodies and provide water supplies for human development.

Indicators:

1. Delineate areas that have differing groundwater recharge characteristics and identify sensitive groundwater recharge areas.
2. Assist and support groundwater monitoring efforts through the MPCA's Ground Water Monitoring and Assessment Program.

Objective E. Maintain flow of rivers and streams within historical range of variation.

Objective F. Maintain the quality and diversity of Minnesota's lakes and wetlands while acknowledging regional variation.

Indicators:

1. Prioritize different wetland types for the purpose of administering protection and mitigation standards.

Objective G. Ensure that aquatic environments have conditions suitable for the maintenance of healthy self-sustaining communities of plants and animals.

Indicators:

1. Use percent of developed shoreline as an indicator of healthy ecosystems.
2. Prioritize the public acquisition of privately held and environmentally-sensitive lands.

Objective H. Limit introduction and spread of exotic species.

Indicators:

1. Reduce the spread of harmful exotic aquatic plants and animals through information and education programs and volunteer monitoring.

Objective I. Provide appropriate access to public recreation sites.

Indicators:

1. Prioritize parcels for open space protection and for fee acquisition for development of recreational facilities.

Objective J. Improve or maintain the quality of water recreation.

Indicators:

1. Establish scenic easements as a management tool for river

3. Koochiching County

Goal: Minnesotans will improve the water quality of water resources.

This goal applies to streams, lakes and ground water. Although we believe the water quality of the Rainy Basin is generally good, we still regard this goal as important. No new objectives are recommended, but new indicators are.

Objective A. Protect and improve water quality in streams, the following additional indicators are recommended:

Indicators:

1. Develop a baseline profile of all major streams in Koochiching County, including at a minimum, the Big Fork, Rainy and Little Fork rivers.
2. Determine the adherence of agricultural uses to Best Management Practices.
3. Determine adherence of forestry uses to Voluntary Site Level Forest Management Guidelines.

Objective B. Protect and improve lake water quality, this additional indicator is recommended:

Indicators:

1. Measure fecal coliform and nitrate concentrations in Rainy Lake and Nett Lake. Note: the purpose of these measurements is to determine the contribution of malfunctioning ISTS to lake water quality.

Goal: Minnesotans will conserve water supplies and maintain the diverse characteristics of water resources to give future generations a healthy environment and a strong economy.

With its small population, small agricultural base and small industrial base, Koochiching County does not and likely will not experience a water supply problem. The biggest water user is Boise Cascade. The International Joint Commission (IJC) strictly regulates water levels of Rainy Lake. The IJC should pay closer attention to the water level of Rainy Lake than it has in the past.

Objective E. Maintain flow of rivers and streams within historical range of variation, this additional indicator is recommended:

Indicators:

1. Measure trends in stream flow of the Rainy River they will benefit sturgeon and other fish populations.

Goal: Minnesotans will restore and maintain healthy ecosystems that support diverse plants and wildlife.

Objective H. Limit introduction and spread of exotic species, this additional indicator is recommended:

Indicators:

1. Number of waterbodies with Purple Loosestrife.

Goal: Minnesotans will have reasonable and diverse opportunities to enjoy the state's resources.

The form of water recreation that seems to be ignored and needs to be re-emphasized is swimming.

Objective I. Provide appropriate access to water based recreation sites, this additional indicator is recommended:

Indicators:

1. Track the number of public access sites for swimming.

4. Lake of the Woods County

Goal: The quality of local water resources will be improved.

Objective A: Protect and improve water quality in rivers and streams.

Indicators:

1. The pollutant indicators commonly tested are phosphorus, nitrogen, ammonia, biochemical oxygen demand, total suspended solids and fecal coliform bacteria. Additional testing should be developed to investigate specific sources of pollution and develop specific programs designed to minimize stream pollution.
2. Monitoring and assessment and resulting implementation plans must include all pollution sources including nonpoint and point (industrial, municipal and other types of urban pollution).

3. Stormwater runoff has a growing potential to affect water quality as more shoreland is developed. Historically the goal was to run it off as quickly as possible. The emphasis is changing to hold and clean the water settling basins before it hits public waters.
4. Construction in or adjacent to rivers and streams that has the potential to erode or physically change the character of the surrounding habitat and water quality must be carefully regulated to assure that these types of projects are done correctly.
5. The research driving the Minnesota Fish Consumption Advisories should be monitored to determine trends and promote any management procedure that might improve conditions.
6. Baseline monitoring and assessment of agricultural chemicals.

Objective B: Protective and improve lake water quality.

Indicators:

1. Expand the Citizen Lake Monitoring Program
2. Any major work in the beds of public waters or on the adjacent shoreline must be carefully regulated to assure that these types of projects are done correctly so that they do not do more harm than good.
3. Stormwater runoff has a growing potential to affect lakes as more shoreland is developed. Historically the goal was to run it off as quickly as possible. The emphasis is changing to hold and clean the water settling basins before it hits public waters.

Objective C: Prevent degradation of groundwater quality and reduce concentrations of contaminants.

Indicators:

1. The sensitivity of soil types to groundwater pollution has been determined. Activities, in sensitive soil areas, should be monitored to determine their potential to pollute.

Goal: Water resources will be conserved and the diverse characteristics of water resources will be maintained to give future generations a healthy environment and strong economy.

Objective D: Maintain groundwater levels to sustain surface water bodies and provide water supplies for human development.

Indicators:

1. The water levels in wells are the main indicator of groundwater levels or volumes.
2. In areas with flowing wells, too many large overflows can decrease pressure in an aquifer to the point where the flow may cease. Restricting flows to a minimum should be encouraged, not only to preserve pressure, but also where flows into road ditches or other locations cause problems, especially during the winter.

Objective E: Maintain the flows of rivers and streams within the historic range of variation.

Indicators:

1. Recent studies have proven that water should be maintained at the source as long as possible to minimize flooding. Storing precipitation close to where it falls is a policy that is encouraged to ensure that flooding will not become a problem.

Objective F: Maintain the quality and diversity of lakes and wetlands.

Indicators:

1. Develop a management plan for Lake of the Woods specifically aimed at preserving the Lake's resources. Organizations like the Zippel Bay Park Committee and the Captain's Association are active in the planning process.

Goal: Restore and maintain a healthy ecosystem that supports diverse plants and wildlife.

Objective G: Ensure that aquatic environments have conditions suitable for the maintenance of healthy self-sustaining communities of plants and animals.

Indicators:

1. For Lake of the Woods – the blue winged teal population, the walleye population, and recreational use.
2. For rivers, streams and wetlands – the mallard population, the walleye population, recreational use.

Objective H: Limit the introduction and spread of exotic species.

Indicators:

1. No Eurasian water milfoil or zebra mussel populations.
2. Inventory, and maintain or reduce, infestations of purple loosestrife.

Objective I: Provide appropriate access to water recreation sites.

Indicators:

1. More fishing piers for the non-boating and handicapped should be provided.
2. Riparian corridor easements along trout streams.
3. More canoe access sites on streams and rivers.
4. Restore bays and other access areas that have filled in due to increased sedimentation from human activities.

Objective J: Improve or maintain the quality of water recreation.

Indicators:

1. Public relations programs and alternative forms of recreation might help to minimize recreational user dissatisfaction, especially for those who must travel long distances.

Attachment A

Rainy Basin Water Plan 2000 Distribution List

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Bigfork, MN 56628

Gary Goltz
Third River Town Board Chair
68398 Third River One
Squaw Lake, MN 56681

Enid Carr
Wirt Town Board Chair
52067 County Road 31
Wirt, MN 56688

Charles Lepper
Koochiching County Commissioner
1113 13th Ave.
International Falls, MN 56649

Wade Pavlick
Koochiching County Commissioner
PO Box 1253
International Falls, MN 56649

Larry Chezich
Koochiching County Commissioner
1322 3rd Ave.
International Falls, MN 56649

Mike Hanson
Koochiching County Commissioner
1740 County Road 86 N
Birchdale, MN 56629

Tim McBride
Koochiching County Commissioner
514 7th Ave. West
International Falls, MN 56649

Jack Murray, Mayor
City of International Falls
1105 9th Ave.
International Falls, MN 56649

Dave Osterhaus
City Clerk's Office
City of Littlefork
PO Box 135
Littlefork, MN 56653

Lorraine Nyggard
City Clerk's Office
City of Big Falls
PO Box 196
Big Falls, MN 56627

David Trompeter, Mayor
City of Ranier
PO Box 186
Ranier, MN 56668

Pamela Tomevi
Koochiching SWCD
Koochiching County courthouse
715 4th Street
International Falls, MN 56649

William Gordon
Big Fork River Board
Box 38
Big Falls, MN 56627

Myrna Ahlgren
ROSS Citizens Advisory Committee
2775 County Road 94
International Falls, MN 56649

Julie Melstrom
Rainy/Rapid River Board
904 6th Street
International Falls, MN 56649

Susan Congrave
Koochiching County Health Department
1000 5th Street
International Falls, MN 56649

Willard Clark
Lake County Commissioner
812 16th Avenue
Two Harbors, MN 55616

Derrick Goutermont
Lake County Commissioner
20 Marks Drive
Silver Bay, MN 55614-1109

Sharon Hahn
Lake County Commissioner
124 2nd Avenue
Two Harbors, MN 55616-1616

Mr. Clair Nelson
Lake County Commissioner
PO Box 472
Findland, MN 55603

Stanley Nelson, Sr.
Lake County Commissioner
RR 1, Box 154A
Two Harbors, MN 55616-9505

Nick Milkovich
Fall Lake Town Board Chair
13456 Pine Road
Ely, MN 55731

Anna Housey
Stony River Town Board Chair
9727 Highway 1
Isabella, MN 56607

Jeri Beckel
Lake of the Woods County Commissioner
Route 1, Box 96
Baudette, MN 56623-9777

Vernon James
Lake of the Woods County Commissioner
RR 2, Box 16
Baudette, MN 56623

Mable Nordlof
Lake of the Woods County Commissioner
Rt. 1, Box 1114
Baudette, MN 56623

Robert Sutherland
Lake of the Woods County Commissioner
RR 2, Box 947
Roosevelt, MN 56673-9522

David Swenson
Lake of the Woods County Commissioner
PO Box 715
Baudette, MN 56623

Mike Forsman
St. Louis County Commissioner
118 S 4th Avenue E
Ely, MN 55731-1402

Lis Prebich
St. Louis County Commissioner
300 S 5th Avenue
Virginia, MN 55792-2666

Steve Raukar
St. Louis County Commissioner
1810 12th Avenue E
Hibbing, MN 55746-1680

B. Kevin Daw
NRCS
Room 121, Federal Building
Duluth, MN

Geraldine Bonnette
Alango Town Board Chair
10585 Highway 22
Angora, MN 55703-8226

Jedson Hejda
Beatty Town Board Chair
2542 Center Island Road
Cook, MN 55723

Timothy Tomsich
Breitung Town Board Chair
PO Box 83
Soudan, MN 55782

Leone Graf
Eagles Nest Town Board
3518 Highway 169
Ely, MN 55731

Keith Aho
Field Town Board Chair
1540 Highway 25
Cook, MN 55723

Herbert Sellars
Great Scott Town Board Chair
10489 Park Lake Road
Britt, MN 55710

Paula Bloczynski
Greenwood Town Board Chair
4443 Big Rock Road
Tower, MN 55790

Mark Zollar
Kugler Town Board Chair
8996 Highway 135N
Tower, MN 55790-8511

Russell Holman
Leiding Town Board Chair
5228 Highway 53
Orr, MN 55771

Ronald Ritter
Linden Grove Town Board Chair
2153 Highway 73
Cook, MN 55723

Leon Sandburg
Morcom Town Board Chair
12388 Highway 22
Cook, MN 55723

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Steven Fitch
Morse Town Board Chair
2755 E Chig-A-Big Road
Ely, MN 55731

Steve Fogelberg
Owens Town Board Chair
9088 Johnson Road
Cook, MN 55723

Donna Raati
Sturgeon Town Board Chair
8475 Highway 73
Angora, MN 55703

Lewis Lohn
Willow Valley Town Board Chair
3126 Hanson Road
Gheen, MN 55771

Attachment B

February 10, 2000
10:00 am to 12:00 Noon
USFS District Office
Highway 53
Cook, Minnesota

Business Sector

Minnesota Restaurant, Hotel and Resort Association

871 Jefferson Avenue
St. Paul, MN 55102-2894

(651)222-7041

Minnesota Office of Tourism

Tim Campbell, Regional Manager
320 West 2nd Street, Suite 707
Duluth, MN 55802-1402

Industry Sector

Minnesota Forest Industries, Inc. and Timber Producers Association

Wayne Brandt, Executive Vice-President
903 Medical Arts Building
324 West Superior Street
Duluth, MN 55802

(218)722-5013

Bruce Barker, Asst. Executive Vice President
903 Medical Arts Building
324 West Superior Street
Duluth, MN 55802

Boise Cascade

Robert Anderson
Public Affairs Department
400 – 2nd Street
International Falls, MN 56649

(218)285-5312

(218)285-5528 fax

bob_anderson@bc.com

David Reimer
400 – 2nd Street
International Falls, MN 56649

(218)285-5170

dave_reimer@bc.com

steve_earley@bc.com

jay_lofgren@bc.com

Potlatch Corporation

Tom Murn, Resource Manager
PO Box 504
Cloquet, MN 55720

(218)879-0435

TPMurn@potlatchcorp.com

Kevin Kangas, Environmental Manager
2201 Avenue B
PO Box 503
Cloquet, MN 55720

(218)879-2300 ext. 0638

KWKangas@potlatchcorp.com

Archie Chelseth, Public Affairs Manager
PO Box 504
Cloquet, MN 55720

(218)879-0404

ADChelse@potlatchcorp.com

Blandin Paper Corporation

John McCoy, Woodlands Manager
115 SW First Avenue
Grand Rapids, MN 55744

(218)327-6200

john.mccoy@upm-kymene.com

Curt Firman, Environmental Manager
115 SW First Avenue
Grand Rapids, MN 55744

(218)327-6200

curt.firman@upm-kymene.com

Ed Zabinski, Public Affairs Manager
115 SW First Avenue
Grand Rapids, MN 55744

(218)327-6200

ed.zabinski@upm-kymene.com

Cliffs Mining Services

Dave Z. Skolasinski
202 West Superior Street, Suite 312
Duluth, MN 55802

(218)722-1792

**February 10, 2000
1:00 – 3:00 pm
USFS District Office
Highway 53
Cook, Minnesota**

Environmental Sector

Ducks Unlimited

Tom Landwehr
4570 West 77th Street
Edina, MN 55435

(612)820-8174

Izaak Walton League

Dick Brown
701 East Hayden Lake Road
Champlin, MN 55316

(612)421-6787

browns@wavefront.com

David Zentner
650 First Bank Place
Duluth, MN 55802

(218)727-7437

Lynne Olson
5486 Nordling Road
Duluth, MN 55804

(218)525-5989

ladyhawk@computerpro.com

Sigurd Olson Environmental Institute

Ted Gostomski
1411 Ellis Avenue
Ashland, WI 54806-9900

(715) 682-1220

(715) 682-1218 fax

loonwatch@northland.edu

Voyageurs Region National Park Association

Jennifer R. S. Hunt, Executive Director
514 North 3rd Street, Suite 104
Minneapolis, MN 55401-1202

(612)333-5424

National Parks and Conservation Association

Lori M. Nelson, Heartland Regional Director
PO Box 25354
St. Paul, MN 55125

800-628-7275 ext.286

Wilderness Inquiry

Michael Passo
1313 Fifth Street SE - Box 84
Minneapolis, MN 55414

(612)379-3858

Lake States Interpretive Association

Glenn C. Maxham
5061 Lakewood Road
Duluth, MN 55804

Minnesota Center for Environmental Advocacy

Mark Ten Eyck
26 East Exchange Street, Suite 206
St. Paul, MN 55101

(612)223-5969

National Audubon Society

Cheryl Miller
26 East Exchange Street
Suite 207
St. Paul, MN 55101

(612)225-1830

Sierra Club

North Star Chapter
1313 Fifth Street SE
Suite 324B
Minneapolis, MN 55414

(612)379-3853

The Nature Conservancy

Ron Nargang
1313 5th Street SE
Box 110
Minneapolis, MN 55414

(612)331-0750

Government Organizations Sector

Association of Minnesota Counties

David Weirens
125 Charles Avenue

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St. Paul, MN 55102-3344

(651)224-3344

League of Minnesota Cities

Remi Stone
145 University Avenue West
St. Paul, MN 55103-2044

(651)281-1256
(651)215-4113 fax
rstone@lmnc.org

Minnesota Association of Townships

David Fricke
Edgewood Professional Building
PO Box 267
805 Central Avenue East
St. Michael, MN 55376

Minnesota Environmental Science and Economic Review Board

Kathryn Ludwig
Flaherty and Associates, P.A.
444 Cedar Street, Suite 1200
St. Paul, MN 55101

(651)225-8840
(651)225-9088 fax

Minnesota Rural Counties Caucus

Dan Larson
5077 144th West
St. Paul, MN 55124

(651)423-7218

Northern Counties Land-Use Coordinating Board