

# University of Minnesota Extension Service Inventory of Work

April 2002

## **Programs, Activities and Relationships identified as reporting effort in the Natural Resources and Environment Capacity Area (as of 7/1/2002 Program Order)**

### **Section I: Educational Programming**

- **4-H Ambassador Orientation (Program)**  
Youth Leadership training for 4-H Ambassadors. Skill building in communication, team building, presentations, intergenerational involvement, understanding youth, etc. 25-30 Ambassadors involved. Fall/Winter training.  
**Collaborators:** None  
**Funding:** Internal/4-H Council  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Freeborn  
**Submitted By (Primary Work Location):** Davis, Sharon (Freeborn County --- Southeast District)
- **4-H Environmental Day Camps (Program)**  
An environmental day camp is planned and replicated four times in four places in the county. Camps are held in June or early July for a day long experience for kids completing K-4th grade. With the four camps we reach about 200 kids. Registration is limited to 75 and at two locations we usually fill. At the other two locations we have about 25-30 campers. 4-H Ambassadors serve as counselors and interest session teachers.  
**Collaborators:** We have applied for and received grants for the past four years in the amount of about \$800 to \$1000 from the Lyon County Water Quality Task Force. The capacity area could be Youth Development also.  
**Funding:** See above  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Lyon  
**Submitted By (Primary Work Location):** Schwartau, Connie (Lyon County --- Southwest District)
- **6th Grade Natural Resources Field Day (Program)**  
Plan, recruit speakers, organize, conduct, evaluate the annual 6th grade natural resources field day held in May.  
**Collaborators:** Isanti County Water Plan Team  
**Funding:** Water Plan grant, \$1,000  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Isanti  
**Submitted By (Primary Work Location):** Malmquist, Valerie (Isanti County --- Northeast District)
- **Addressing contamination in Prairie Creek (Program)**  
Meet with local stakeholders regarding necessary actions, educational and otherwise, to address pollution problem. Conduct workshops, trainings, write columns, conduct radio publicity, attend township board meetings, etc. to address the problem. Specific items will be addressed individually.  
**Collaborators:** Rice Co. P&Z, Rice NRCS & SWCD, DNR, MPCA, U of M Dept of SWaC, townships, citizens.  
**Funding:** Individual projects have some funding.  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Rice  
**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)
- **Alternative Wastewater Treatment Systems (Program)**  
Provide educational materials, do presentations, respond to inquiries, and work with agencies and

professional organizations.

**Collaborators:** MPCA, Minnesota Lake Association, Lake Associations, industry, community organizations, etc.

**Funding:** MPCA, product sales, workshop fees, grants, reimbursement from recipients, etc.

**Hours/Month:** 40

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Aitkin, Anoka, Becker, Beltrami, Benton, Big Stone, Blue Earth, Brown, Carlton, Carver, Cass, Chippewa, Chisago, Clay, Clearwater, Cook, Cottonwood, Crow Wing, Dakota, Dodge, Douglas, Faribault, Fillmore, Freeborn, Goodhue, Grant, Hennepin, Houston, Hubbard, Isanti, Itasca, Jackson, Kanabec, Kandiyohi, Kittson, Koochiching, Lac qui Parle, Lake, Lake of the Woods, Le Sueur, Lincoln, Lyon, McLeod, Mahnommen, Marshall, Martin, Meeker, Mille Lacs, Morrison, Mower, Murray, Nicollet, Nobles, Norman, Olmsted, Otter Tail, Pennington, Pine, Pipestone, Polk, Pope, Ramsey, Red Lake, Redwood, Renville, Rice, Rock, Roseau, St. Louis, Scott, Sherburne, Sibley, Stearns, Steele, Stevens, Swift, Todd, Traverse, Wabasha, Wadena, Waseca, Washington, Watonwan, Wilkin, Winona, Wright, Yellow Medicine, N/A

**Submitted By (Primary Work Location):** Olson, Kenneth (Sherburne County --- Central District)

- **Alternative Wastewater Treatment Systems (Program)**

Provide educational materials, do presentations, respond to inquiries, and work with agencies and professional organizations.

**Collaborators:** MPCA, Minnesota Lake Association, Lake Associations, industry, community organizations, etc.

**Funding:** MPCA, product sales, workshop fees, grants, reimbursement from recipients, etc.

**Hours/Month:** 40

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Aitkin, Anoka, Becker, Beltrami, Benton, Big Stone, Blue Earth, Brown, Carlton, Carver, Cass, Chippewa, Chisago, Clay, Clearwater, Cook, Cottonwood, Crow Wing, Dakota, Dodge, Douglas, Faribault, Fillmore, Freeborn, Goodhue, Grant, Hennepin, Houston, Hubbard, Isanti, Itasca, Jackson, Kanabec, Kandiyohi, Kittson, Koochiching, Lac qui Parle, Lake, Lake of the Woods, Le Sueur, Lincoln, Lyon, McLeod, Mahnommen, Marshall, Martin, Meeker, Mille Lacs, Morrison, Mower, Murray, Nicollet, Nobles, Norman, Olmsted, Otter Tail, Pennington, Pine, Pipestone, Polk, Pope, Ramsey, Red Lake, Redwood, Renville, Rice, Rock, Roseau, St. Louis, Scott, Sherburne, Sibley, Stearns, Steele, Stevens, Swift, Todd, Traverse, Wabasha, Wadena, Waseca, Washington, Watonwan, Wilkin, Winona, Wright, Yellow Medicine, N/A

**Submitted By (Primary Work Location):** Olson, Ken (Sherburne County --- Central District)

- **Aniaml Tracks (Program)**

a program to familiarize youth and adults with tracks of animal tracks found locally and learn about the animals

**Collaborators:** none

**Funding:** none

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Yellow Medicine

**Submitted By (Primary Work Location):** Rager, Amy (Yellow Medicine County --- West Central District)

- **Aquatic Plant ID Workshops (Program)**

I am developing this program along with Mary Blickenderfer and Darlene Charbenaue (graduate student). This May and July is the first time this workshop series will be offered. It will be limited to 40 participants (mainly SV's), and will be free of charge. The first time Mary and I offer anything it is free of charge as a "beta-test". We evaluate it, ask participants willingness to pay and from then on we charge the determined amount. The two sessions will be two months apart mainly due to lack of program staff availability in June (its the best planting season) and that the aquatic plants are best ID'ed in July after they have grown. This program is destined to become a very important part of the shoreland education package.

**Collaborators:** Mary Blickenderfer, Darlene Charbenaue, and possibly in the future Paula West from the Minnesota Lakes Association and someone from the DNR.

**Funding:** So far only staff time. Potential funding sources may be a grant received via the MLA.

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Benton, Sherburne, Stearns, Wright  
**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)

- **Backyard Conservatoin Workshop (Program)**  
The Backyard Conservation Workshop is designed for homeowners to help bring conservation and caring for the environment into their own lives. 43 people attend the 2001 program.  
**Collaborators:** University of Minnesota Extension Service Master Gardeners SWCD DNR BERBI  
**Funding:** \$1,679.29 SWCD and DNR Grant  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Blue Earth, Nicollet  
**Submitted By (Primary Work Location):** Kunkel, Kelly (Nicollet County --- Southwest District)
- **Buckthorn Control (Program)**  
Established plots to evaluate chemical controls of Buckthorn with attention to methods that will appeal to farmers.  
**Collaborators:** Dow Agrosiences  
**Funding:** Dow has provided treatment resources to this point.  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Rice  
**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)
- **Buckthorn Control (Program)**  
Field questions from landowners about control options for European Buckthorn in woodlots. Primarily growing season related, but occasionally year round.  
**Collaborators:** Informal relationships with Washington County SWCD; occassional relationships with DNR.  
**Funding:** none  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Washington  
**Submitted By (Primary Work Location):** Olson, Robert (Washington County --- Metro District)
- **Careful Harvesting of Special Forest Products (Program)**  
A "hands on" workshop for people interested in harvesting, sustainably, Birch Bark, spruce/tamarack roots, princess pine. June 14, 2002 at the NCROC  
**Collaborators:** John Zasada, The Itasca Woodland Committee and a few private folk.  
**Funding:** 0  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Itasca  
**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)
- **Central Minnesota Lakes Day (Program)**  
Lake Days began in this area about 7 years ago as a Shoreland Volunteer effort. Over time it has developed into a day long program with over 170 people in a four county area. The event is usually held in April we have a keynote and many breakout sessions, we have hands-on workshops such as fish sampling or water sampling and we have exhibit rooms as well. This office has coordinated all the marketing, promotion, registration, speaker coordination, etc. This is a tremendous amount of work. This year however, the Minnesota Lakes Association has its conference in St Cloud in April - so we opted to sponsor Shoreland Volunteers in the area to attend in lieu of having a lake day event.  
**Collaborators:** The planning committee consists of members of the SWCD's for the 4 county area, DNR fisheries and hydrologists in the area, Doug Malchow and a Stearns County Environmental Services Staff member.  
**Funding:** Each county water plan contributes \$500 and the MLA contributes as much as it can (sometimes \$500 sometimes \$300) Participants pay \$5 and there are many donations.  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Benton, Sherburne, Stearns, Wright

**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)

- **Chemical Decisions (Program)**

25 teens are trained from Traverse County each year who in turn work with 180 4-6th graders. Both schools have a local advisor who works with teens as they lead monthly sessions with children. The initial training takes one day of two educators time (I work with Carrie Olson on this project). Carire does the registrations with the schools and we alternate developing lesson books.

**Collaborators:** Wheaton and Browns Valley Schools

**Funding:** Schools are charged \$15 per participant to attend the training. Meeting room costs are donated.

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Traverse

**Submitted By (Primary Work Location):** Persing, Melissa (Traverse County --- West Central District)

- **Children's Water Festival (Program)**

I served a co-chair of this program in 2001 and 2002. The Children's Water Festival is an event that provides youth and classroom teachers with an innovative, quality, hands-on learning opportunity highlighting the relationship and interdependence of water to all living things. Approximately 1,100 students (4th graders) from Brown, Nicollet and Cottonwood attend the day-long event.

**Collaborators:** University of Minnesota Extension Service Brown Nicollet Community Health Department of Natural Resources Department of Agriculture Brown, Nicollet and Cottonwood Environmental Services

**Funding:** \$11,849 from: Brown, Nicollet and Cottonwood Water Planners Izaak Walton League Corn Growers Kraft Three Rivers RC&D Minnesota Department of Health New Ulm Area Sports Fisherman VWR International Cub Foods - Boxes Minnesota Department of Transportation - Vests Reynolds Welding - Heilium Tank Culligan, St. Peter - Water for Each Student South Central Technical College - Facility

**Hours/Month:** 4

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Brown, Cottonwood, Nicollet

**Submitted By (Primary Work Location):** Kunkel, Kelly (Nicollet County --- Southwest District)

- **CMIC Irrigators (Program)**

The Central Minnesota Irrigators Assoc. is a non-profit group of irrigated producers who are promoting sustainable agriculture through the use of irrigation. This group has a membership of over 150. They are interested in promoting educational programs in irrigated production and land and water stewardship. They meet on a quarterly basis and are involved in educational programs such as Irrigation Clinics and Field Days. An Extension Educator has always served as an educational advisory to this group and served as editor of their newsletter.

**Collaborators:** Jerry Wright Will Yliniemi Tom Hovde Ag Industry

**Funding:** Membership Dues Private Industry donations

**Hours/Month:** 12

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Becker, Cass, Crow Wing, Hubbard, Morrison, Otter Tail, Todd, Wadena

**Submitted By (Primary Work Location):** Yliniemi, Willard (Hubbard County --- Central District)

- **Community Discussions About Growth & Natural Resource Planning (Program)**

Inform community members and local officials about the environmental, fiscal and social impacts of growth; facilitate community discussions about developing long-term strategies to protect unique natural and agricultural areas; assist communities in devising a locally based approach; assist communities in identifying common values; enable communities to access and utilize new educational technologies that can inform their decisions (e.g., satellite imagery, aerial photos of land cover and use, GIS, fiscal impact models, etc.). Educational activities include: ·Facilitate public meetings/processes discussing protection of natural resource areas & agricultural land in: ü Independence ü Rockford, Rockford Township & Greenfield ü Medina ·Presentations to local officials in pilot project areas ·Coordinate pilot projects implementing a fiscal impact analysis tool, DIAMaTR. ·Develop partnerships with agencies that can assist communities desiring to protect their natural resource areas

**Collaborators:** State faculty at Dept of Applied Economics & Dept of Forestry; Minnesota Dept of Agriculture; 1000 Friends of Minnesota; Hennepin Soil & Water Conservation District; Minnesota Planning; Metropolitan Council; Doug Malchow, Karl Foord, Nancy Lenhart & Roger Steinberg

**Funding:** -Legislative Commission on Minnesota Resources project with the Minnesota Department of Agriculture--\$22,000 (curriculum development, research assistant, etc.)  
-Metropolitan Council grant to assist the Council's Rural Issues Work Group--\$480 -Minnesota Initiative Fund grant via Doug Malchow, EE, Stearns County McKnight Foundation (under development)

**Hours/Month:** 60

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Anoka, Chisago, Clay, Dakota, Fillmore, Hennepin, Isanti, Meeker, Sherburne, Washington, Wright

**Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)

- **Composting Project (Program)**

I worked with a group of Master Gardeners to write a grant proposal for the development of a composting program. We received this \$11,000 grant that included providing additional training for our MG's, purchasing 1,100 composter to distribute to workshop participants, creating slide sets, etc. This was the focus of the MG program for most of the last year, and continues into the future.

**Collaborators:** Sherburne County Master Gardeners and the Sherburne County Solid Waste Management Advisory Committee

**Funding:** \$11,000 grant from the Sherburne County Solid Waste Management Advisory Committee SCORE funds.

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Sherburne

**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)

- **Conservation Day (Program)**

An educational program for 200 area 6th Grade students that connects area natural resource personnel providing an environmental awareness message to youth.

**Collaborators:** Minnesota Department of Natural Resources, U.S. Fish and Wildlife, Soil and Water Conservation Districts, Natural Resource Conservation Service, Watershed Districts, Extension,

**Funding:** None

**Hours/Month:** 100

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Big Stone, Grant, Traverse

**Submitted By (Primary Work Location):** Drewlow, Milan (Traverse County --- West Central District)

- **Conserving Energy (Program)**

How conserve energy by minor structural changes(caulking, types of doors & windows), use of appliance & lighting. Open to the public. EHSG members used it as a Leader Training. 100 participants with a possible 700 (EHSG members)

**Collaborators:** Todd Wadena Electric Minnesota Power MN Dept of Energy

**Funding:** MN Power - handouts Todd Wadena Electric - handouts

**Hours/Month:** 50

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Cass, Todd, Wadena

**Submitted By (Primary Work Location):** Evans, Leann (Wadena County --- Central District)

- **Curriculum development for forestry web-based courses (Program)**

This program seeks to provide forestry-related learning opportunities to urban audiences. It is in the early development stages. This work will greatly enhance the value of existing curricula relating to forest ecology, forest product, and forest management topics. Many of the learning materials have already been developed and organized for other programs. This effort will make the learning materials for these other programs (e.g. Woodland Advisor Program) available on a much wider scale. By integrating internet delivery with traditional face-to-face and printed communications, this work will increase the efficiency and effectiveness of existing programs. Seasons: all. Audience: primarily urban adult audiences who own forestland.

**Collaborators:** Internal: Larry Coyle and colleagues at Extension CETS, R. Stine, M. Demchik, M. Reichenbach, Sue Damme (UMD), M. Baughman, C. Blinn, and others. External: Private forestry consultants, citizen advisors, others.

**Funding:** Northeast Minnesota Sustainable Development Partnership: \$10,000 for planning / piloting purposes.

**Hours/Month:** 30

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** N/A

**Submitted By (Primary Work Location):** Sagor, Eli (Carlton County --- Northeast District)

- **Environmental Days (Program)**

657 7th grade students at State Park for environmental programs.

**Collaborators:** Co. Recycling Departs, Soil Con. Dists, Forestry service. D.N.R. Waterville Fish Hatchery

**Funding:** Soil Con Dists.50

**Hours/Month:** 50

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Le Sueur, Waseca

**Submitted By (Primary Work Location):** Peters, Jurgen (Waseca County --- Southeast District)

- **Environmental Education (Program)**

Environmental education programs - such as prairies, trees, water quality, indoor air quality. Programs most specifically include conservation day programs, water festivals, or environmental fairs. Short term events with large numbers of students - typically all one grade level. Most often happen in the spring or fall. Sessions presented are around one topic and usually last 20-30 minutes.

**Collaborators:** Natural Resource Conservation Service Soil & Water Conservation Districts Department of Natural Resources

**Funding:** I usually present and only have expenses related to my presentation - less than \$25 - they fund the events on their own.

**Hours/Month:** 5

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Brown, Cottonwood, Jackson

**Submitted By (Primary Work Location):** Harries, Kia (Jackson County --- Southwest District)

- **Environmental Education (Program)**

6th grade Outdoor Conservation Class reaches about 140 youth and teachers usually in the spring. Also special classes for 10th grade students.

**Collaborators:** University of Minnesota Extension Service NCSWCD Agassiz Environmental Learning Center

**Funding:** Norman County Water Plan Funds - (\$700.00)

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Norman

**Submitted By (Primary Work Location):** Melin, Thomas (Norman County --- Northwest District)

- **Environmental Education (Program)**

Following the district capacity area's focus of Engaging Citizens in Environmental Stewardship, my natural resources programs reached over 1,900 people this past year. Participants included: students throughout the cluster, landowners, state park visitors, senior citizens, 4-H youth, master gardeners, farmers, and civic organizations. Topics for these researched programs ranged from sun safety and native plants and wildlife and septic systems to adaptations and water quality.

**Collaborators:** Minnesota Department of Natural Resources Soil & Water Conservation Districts Local School Districts

**Funding:** Sometimes mileage and expenses get paid.

**Hours/Month:** 15

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Chippewa, Lac qui Parle, Lincoln, Lyon, Murray, Nobles, Pipestone, Rock, Yellow Medicine

**Submitted By (Primary Work Location):** Ostlie, Karen (Lincoln County --- Southwest District)

- **Environmental Education Days (Program)**  
 Environmental Education Days is offered to over 800 students from Benton, Sherburne, Stearns, and Wright Counties. The workshop is located at Sherburne County Wildlife Refuge. Educators, Soil and Water District, and DNR staff rotate students through several workshop themes: watersheds, wetlands, effects on wildlife populations, controlled fire burnings, etc. EED is scheduled September 16-20, 2002. My role is to teach during one of the days.  
**Collaborators:** Department of Natural Resources Soil and Water Stearns County Extension Office Sherburne County Extension Office Benton County Extension Office Wright County Extension Office  
**Funding:** Harlan Rosendahl, Sherburne County, coordinates the registration. Unsure of funders.  
**Hours/Month:** 8  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Benton, Sherburne, Stearns, Wright  
**Submitted By (Primary Work Location):** Yozamp, Carole (Benton County --- Central District)
- **Environmental Youth Leadership Team (Program)**  
 This outdoor education program is designed to serve 12-18 year old youth. Group size is approximately 20 youth. Programs are offered year round.  
**Collaborators:** South St. Louis Co. 4-H program UMD Outddor Program  
**Funding:** Lake Superior Coastal Grant Program (DNR)--\$22,117.00 4-H Foundation--\$500.00  
**Hours/Month:** 40  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Carlton  
**Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)
- **Family owners Natural Resource Businesses (Program)**  
 This program is not scheduled yet. But two workshops are anticipated. This project incorporates some of the dollar wise concepts into a session about business planning.  
**Collaborators:** Becky Hagen-Jokela, and Lori Hendricken  
**Funding:** \$3000 USDA-Forest Service through the MN DNR  
**Hours/Month:** 6  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Carlton  
**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)
- **Feedlot Waste Management (Program)**  
 The participants learn to interpret feedlot rules, requirements, agencies which can provide assistance and best management practices with manure application. Also, producers learn how to apply manure, application rates and how to develop manure management plans and records. 350 participants were involved with the program which was held throughout the year.  
**Collaborators:** Primary collaborators included U of M Extension county offices from 10 counties, CRWP, MPCA, County Feedlot Offices and NRCS, SWCD.  
**Funding:** Funding was provided by CRWP< MPCA and 319 grants in the amount of \$3,000.  
**Hours/Month:** 25  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Big Stone, Chippewa, Grant, Pope, Stevens, Swift, Traverse, Yellow Medicine  
**Submitted By (Primary Work Location):** Stommes, Robert (Pope County --- West Central District)
- **Food Systems BRE (Program)**  
 Working with Jenifer Buckley, Northland Food and Farming Initiative I am serving as a BRE Consultant for a Business Retention and Expansion project. A team of 30 persons will be interviewing businesses that are involved with locally produced, processed, distributed and sold food in the Duluth/Superior Wisconsin area.  
**Collaborators:** Jenifer Buckley, NFFI Steve Kluess, Laurentian RC&D Mitra Emad, UMD Carla Blumberg, business owner Mike Mageau, UMD  
**Funding:** Jenifer Buckley may have entered this information. The source is the NE Sustainable Development Partnership  
**Hours/Month:** 20

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** St. Louis

**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)

- **Forest Tent Caterpillar alert (Program)**  
Information for people to deal with this infestation. This year Grand Rapids, Deer River, Hibbing are really in for it! And so will be our office.  
**Collaborators:** Extension and Mike Albers, DNR  
**Funding:** 50  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Itasca  
**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)
- **General Agroforestry Trainings (Program)**  
This program has been offered in Wadena, Todd, Redwood, Ottertail, Morrison, Kanabec, Hubbard, Crow Wing, Cass and probably others. Essentially, this involves numerous programming efforts in windbreaks, shelterbelts, silvopasture and other systems. Total of 943 participants in 2001. This project actually took 622 hours of investment, but is higher than can be added in the form.  
**Collaborators:** A very large list, including, WesMin RC&D, Plant Materials Center, MDA, AURI and others.  
**Funding:** Central Region Partnership about \$4,000 for this portion of the grants activities  
**Hours/Month:** 175  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** N/A  
**Submitted By (Primary Work Location):** Demchik, Michael (Todd County --- Central District)
- **Glaciers in Minnesota (Program)**  
A program that is provided to groups about the geologic history of Minnesota  
**Collaborators:** none  
**Funding:** none  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Chippewa, Lac qui Parle, Swift, Yellow Medicine  
**Submitted By (Primary Work Location):** Rager, Amy (Yellow Medicine County --- West Central District)
- **Grant writing (Program)**  
Grant writing to seek funding for specific programming.  
**Collaborators:** various agencies  
**Funding:** NA--effort is to seek funding  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** St. Louis  
**Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)
- **Grass Seed Institute (Program)**  
Plan and conduct the annual educational day and research reporting session as well as plan and conduct tours of the research work.  
**Collaborators:** Northern Minnesota Forage and Turf seed Advisory Committee U M Agronomy Dept. Don Wyse and Nancy Ehke NMFTSAC Board of Directors Gene Krause-L O W County Ext Educator  
**Funding:** U M Agronomy Dept Rapid Response Fund Minnesota Dept of Agriculture L C M R  
**Hours/Month:** 17  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Lake of the Woods, Roseau  
**Submitted By (Primary Work Location):** Nyegaard, Curtis (Roseau County --- Northwest District)

- **Healthy Homes / Mold Issues (Program)**  
 As a monthly presenter in the Home Stretch program, I present the USDA HealthyHomes material. This reaches a total of 145 annually. From this work, I also have been identified as a resource for families with significant mold concerns and indoor air quality. these generally are household consultations and total 8 annually.  
**Collaborators:** Home Stretch is coordinated by the Freeborn Community Action Agency here in Albert Lea.  
**Funding:** NA  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Freeborn  
**Submitted By (Primary Work Location):** Stumme, Patricia (Freeborn County --- Southeast District)
- **Healthy Indoor Air for America's Homes (Program)**  
 This is a \$2500 grant from EPA/CSREES grant for the state of MN. When I was in NRE, I inherited this role from Diane Corrin. It's purpose is to train EE's in indoor air quality. There is about half of the money remaining which was going to be use for a training this past March which was put on hold due to Extension reorganization.  
**Collaborators:** Joe Wysocki, CSREES Housing Specialist Training was being planned by Diane Corrin, Bill Angell, Mary Lou Cheppel and Neil Carlson. My name is listed as the person who signs off.  
**Funding:** CSREES \$2500  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** N/A  
**Submitted By (Primary Work Location):** Sprain, Joan (Washington County --- Metro District)
- **Homeowner Septic System Care (Program)**  
 1-1/2 to 2 hour class for people with on-site septic systems to learn basic system care, # of participants per class has varied from 65 to 200. Generally two classes have been offered both spring and fall  
**Collaborators:** St. Francis Community Education  
**Funding:** Anoka County Ag Preserves Grant - \$4,000 for next year  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Anoka  
**Submitted By (Primary Work Location):** Heins, Rosemary (Anoka County --- Metro District)
- **Horse Owner Education (Program)**  
 Enhance the manure and pasture management skills of horse owners by offering educational programs in order to raise their awareness about the environmental consequences of improper manure and pasture management. Inform horse owners about state and local regulations designed to protect water quality. Inform local officials about the efforts of local horse owners to improve their pasture and manure management skills/practices. Facilitate broader community based discussion about the need for local ordinances to protect water quality in light of the number of horses stabled in local watersheds. Specific program activities include: -Organizing & teaching at field days (especially relating to manure management & composting) -Individual site visits to horse owners with questions about manure management & composting -Collaborative educational efforts with the Hennepin Conservation District, Natural Resources Conservation Service, Lake Independence Lake Association and horse owner clubs in Western Hennepin County; joint programming efforts with Julie Klocker, Sherburne County and Bob Olson, Washington County. -Research into the development of a pilot manure pick up service for western Hennepin County -Evaluation of previous project components Note: More complete details available on the extent of this educational program. # of participants--1-2 field days with 50-60 attendees per year; 7-10 direct consultations with horse owners; 10-20 phone consultations; 3-8 extensive consultations with city staff about regulations that incent horse owners to properly manage their horse's manure and pastures. Primary season of work is early spring through late fall with planning for 1-2 workshop over the winter (when more horse owners will take the time to do it).  
**Collaborators:** Hennepin Conservation District, Natural Resources Conservation District, Minnehaha Watershed District, Metropolitan Council's Environmental Partnership grant; USDA's

Environmental Quality Incentives Program, Agronomy Dept faculty

**Funding:** No external funding

**Hours/Month:** 30

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Anoka, Hennepin, Sherburne

**Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)

- **Huelskamp Creek Paired Watershed Project (Program)**

This is water quality research project in western Nicollet County. Two watersheds, adjacent to one another are included in the project. All operators in the watersheds will be interviewed to gather base line information. Once interviews are complete, operators in one watershed will be asked to implement BMPs, the other will not. Water will be monitored from each watershed separately for nitrates, phosphorus, and sediment. The project began in fall 2000 and will continue through fall 2004. Work is done throughout the year. This impacts approximately 65 farmers in the watershed.

**Collaborators:** U of M soils dept., U of M water resources center, MDA, Brown/Nicollet Community Health, NRCS, Nicollet SWCD, Extension.

**Funding:** USDA grant of \$500,000 plus.

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Nicollet

**Submitted By (Primary Work Location):** Hachfeld, Gary (Nicollet County --- Southwest District)

- **Hybrid Poplar (Program)**

Host an information landowner tour of private lands planted to hybrid poplar

**Collaborators:** Kendal Dykhuis, Mike Demhick

**Funding:** College of Natural Resources

**Hours/Month:** 4

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** St. Louis

**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)

- **Indoor Air Quality (Program)**

Programming was done through news articles (6), consumer calls (50) from throughout the four county area and teaching. Topics most commonly addressed were carbon monoxide, mold, radon, and home improvement/remodeling topics. Most calls about IAQ came in the winter months.

**Collaborators:** Public Health Other Extension Educators

**Funding:** None outside county support which paid for some specialized resources.

**Hours/Month:** 5

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Kandiyohi, McLeod, Meeker, Renville

**Submitted By (Primary Work Location):** Gustafson, Judith (Renville County --- West Central District)

- **Indoor Air Quality Programming (Program)**

Provide presentations and information to residents about indoor air quality issues.

**Collaborators:** Internal

**Funding:** Internal

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Brown, Cottonwood, Jackson, Martin, Redwood, Watonwan

**Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)

- **INFO-U scripts (Program)**

Wrote and reviewed numerous scripts for the INFO-U system. Most recently completed scripts on forest tent caterpillar.

**Collaborators:** Wayne Seidel, EE Lake County MN DNR

**Funding:** NA

**Hours/Month:** 3

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Aitkin, Anoka, Becker, Beltrami, Benton, Big Stone, Blue Earth, Brown, Carlton, Carver, Cass, Chippewa, Chisago, Clay, Clearwater, Cook, Cottonwood, Crow Wing, Dakota, Dodge, Douglas, Faribault, Fillmore, Freeborn, Goodhue, Grant, Hennepin, Houston, Hubbard, Isanti, Itasca, Jackson, Kanabec, Kandiyohi, Kittson, Koochiching, Lac qui Parle, Lake, Lake of the Woods, Le Sueur, Lincoln, Lyon, McLeod, Mahnommen, Marshall, Martin, Meeker, Mille Lacs, Morrison, Mower, Murray, Nicollet, Nobles, Norman, Olmsted, Otter Tail, Pennington, Pine, Pipestone, Polk, Pope, Ramsey, Red Lake, Redwood, Renville, Rice, Rock, Roseau, St. Louis, Scott, Sherburne, Sibley, Stearns, Steele, Stevens, Swift, Todd, Traverse, Wabasha, Wadena, Waseca, Washington, Watonwan, Wilkin, Winona, Wright, Yellow Medicine, N/A

**Submitted By (Primary Work Location):** Olen, Robert (St. Louis County --- Northeast District)

- **Interpretive Site Project (Program)**

Develop and implement a driving interpretive tour of forest sites at five locations in the state. Each location will have between 5 and 10 points of interest. The audience is the traveling public staying in proximity to the locations selected.

**Collaborators:** Mike Demchik, Jonh Thompson St Louis County Land Department, Society of American Foresters, Minnesota Logger Education Program,

**Funding:** This project is funding through the NE Sustainable Development Partnership \$9000, A Stewardship Committee Grant \$5000, and internal funding through the Natural Resources in your backyard program.

**Hours/Month:** 12

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Cass, St. Louis

**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)

- **IOWATER (Program)**

Youth and adults adopt a stream that flows into the Upper Iowa Watershed. They do biological and chemical testing of the stream mainly in the spring, summer and fall. I currently have 1 4-H family and 1 4-H club that has adopted streams.

**Collaborators:** Houston County Water Plan Committee Upper Water River Project Coordinator IOWATER Houston county 4-H club members

**Funding:** Houston County Water Plan - \$500 - \$1000

**Hours/Month:** 5

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Houston

**Submitted By (Primary Work Location):** Kanengieter-Brown, Holly (Houston County --- Southeast District)

- **Itasca County Resort Tour (Program)**

Each year the Extension Office has done an annual resort tour featuring 3 resorts in the area along with an educational event. Last years focus was on water quality. The event was well received....this years tour will be on....ecotourism/birds/forest ecosystems

**Collaborators:** Extension, Grand Rapids Chamber of Commerce Tourism Committee, Itasca Resort Association.

**Funding:** Chamber 500

**Hours/Month:** 5

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Itasca

**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)

- **kids' groundwater festival (Program)**

all 4th grade students in Douglas County(500+)Event occurs second tues of May. Plan, coordinate,raise funds recruit presentors.

**Collaborators:** School Dist 206, Private business, SWCD, Wes Min RC&D, Service clubs

**Funding:** We seek \$5000 in donations from the community

**Hours/Month:** 5

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Douglas

**Submitted By (Primary Work Location):** Zilliox, Lawrence (Douglas County --- West Central District)

- **Land Stewardship Opportunities for Women (Program)**  
 Nationally, 40 percent of agricultural landlords are women, 31% are men and 29% of the land is under joint ownership, according to U of MN Extension research data. This program is designed give these landlords a time to learn more about the land they are responsible for and help them feel comfortable making decisions which will affect the rural area. # participants - 150  
**Collaborators:** Blue Earth River Basin Initiative MN Board of Soil and Water Resources MN Department of Agriculture MN Department of Natural Resources Minnesota Rural Futures Natural Resources Conservation Service Region 9 South Central Technical College  
**Funding:** Money from DNR, EQUIP Education Funds, Land O'Lakes  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Blue Earth, Brown, Faribault, Jackson, Le Sueur, Martin, Nicollet, Watonwan  
**Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)
- **Lawn Care Advisors (Program)**  
 train 20 lawn care advisors in classroom and field trainings. They each in turn help assist 10 homeowners develop a lawn care mgmt plan and keep tab on all outcomes and impacts with the cooperation with homeowners.  
**Collaborators:** Chisago County water plan, County Extension in Chisago, Extension specialists, MN Dept of AG.  
**Funding:** \$1500 from Chisago County water plan. The remainder is included as in-kind with collaborators listed above.  
**Hours/Month:** 20  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Chisago  
**Submitted By (Primary Work Location):** Elmstrand, Rodney (Chisago County --- Northeast District)
- **Life on the Prairie (Program)**  
 Life on the Prairie is a program that features a costumed presentation that intertwines the subjects of botany, history, geography, natural resources, geology, and nutrition for a hands-on look at Southwestern Minnesota prairies. Upon program completion, youth and adult audiences are able to identify common plants and grasses; name an endangered species found on Minnesota prairies; list historic uses of plants; discover plant and animal adaptations; and become familiar with the diverse prairie ecosystem. Participating educators have commented that "The program really opened up our eyes that something so interesting was so close to home" and "Youth have a greater appreciation of the area where they live, and that the prairie is a special place." This program is in demand year-round and for groups of all ages and backgrounds. Audiences have included: state parks, environmental fairs, camp settings, brown bag seminars, expos, schools, field trips, conferences, horticulture events, etc. Since program inception, over 3,000 people have been reached with Life on the Prairie.  
**Collaborators:** Minnesota Department of Natural Resources The Nature Conservancy  
**Funding:** Sometimes mileage and expenses get paid...other times an honorarium.  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Chippewa, Lac qui Parle, Lincoln, Lyon, Murray, Nobles, Pipestone, Redwood, Rock, Yellow Medicine  
**Submitted By (Primary Work Location):** Ostlie, Karen (Lincoln County --- Southwest District)
- **Lincoln County Environmental Field Day (Program)**  
 Held annually in May. Total time spent on event - 15 hours per year (also listed in the hours per month below (includes planning, preparation, teaching, evaluation). I assist a little with the overall event planning. I also teach an environmental session that reaches 100 4th grade youth from the three school districts in the county. One teacher developed a classroom unit that revolves around my program.  
**Collaborators:** Soil & Water Conservation District  
**Funding:** n/a  
**Hours/Month:** 15  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Lincoln

**Submitted By (Primary Work Location):** Ostlie, Karen (Lincoln County --- Southwest District)

- **Living Snow Fences (Program)**

Establishing living snow fences (trees, shrubs, native grasses) 150-200 feet away from road right of ways to protect the road against blowing and drifting snow. On-going program since 1997....continuing... Partnering with many agencies. 500 participants, landowners and agency staff.

**Collaborators:** Extension, NRCS, SWCD, MNDOT, DNR, MDA, FSA, Commissioners, County Environmental Offices,

**Funding:** Living Snow Fences that were established through the promotion of the NRCS Continuous CRP provision in the Farm Bill are funded by the Federal Government. 3 million dollars were used from FEMA to increase landowner payments/incentives in 2000-2001..state wide. In the area, farmers will be receiving over \$750,000 within 15 years from cost-share for plant stock or land payments from the government. In-kind funds were used in educational programs and promotions of this program. New partnerships with MNDOT and NRCS were developed.

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Brown, Cottonwood, Jackson, Martin, Redwood, Watonwan

**Submitted By (Primary Work Location):** Wyatt, Gary (Watonwan County --- Southwest District)

- **Maintaining Septic Systems (Program)**

Conduct classes on maintaining on-site sewage treatment systems for homeowners.

**Collaborators:** Lake County Water Plan

**Funding:** Extension

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Lake

**Submitted By (Primary Work Location):** Seidel, Wayne (Lake County --- Northeast District)

- **Manure management planning (Program)**

Work one on one with farmers to assist with writing manure management plans. Offer training sessions to encourage farmers to write their own plans and introduce them to tools that they can use for that purpose.

**Collaborators:** County and state feedlot programs, state Extension personel, Kevin Blanchet, Dennis Busch

**Funding:** Frequent special funding from state grants.

**Hours/Month:** 5

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Rice

**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)

- **Manure Spreader Calibration (Program)**

Promote, schedule and conduct manure spreader calibrations. Provide education regarding application rates and applciation guidelines and water quality to participants. Demand is about 4 per year.

**Collaborators:** Rice Co. P&Z, Rice NRCS and SWCD

**Funding:** County travel, Cannon River Watershed Partnership owns the scales and provides maintainance.

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Rice

**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)

- **Maple Syrup Producers (Program)**

Educational Programming for Maple Syrup Producers in the County. Usually they (12-20 producers) connect with Cornel for a satellite video conference in February.

**Collaborators:** maple syrup producers.

**Funding:** Fees are usually paid for by the Maple syrup producers.

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Itasca

**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)

- **Master Gardener Program (Program)**

We have 50 Master Gardeners in Sherburne County. Our Volunteer Coordinator schedules most of their activities but I oversee the educational content component. I also write grants in order to purchase books and display materials. Last year wrote and received a grant for the group to learn about composting and develop an educational program for them to share with Sheburne County citizens. They purchased 1100 composters and gave programs in many venues throughout the year to give them free of charge.

**Collaborators:** Yvonne Curran, Volunteer Coordinator, Sherburne County Extension Office.  
**Funding:** The MG's raise their own money by charging \$40 for nurseries and greenhouses to have MG booths. I have also arranged for them to provide on-going classes at the Becker Community Center at \$50/event.  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Sherburne  
**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)
- **Mediating Land Use and Environmental Disputes (Program)**

This is an on request program offered both as educational workshops and individual assistance. Individual assistance is limited to non-profit organizationa and small local units of government who cannot afford the services of a private consultant.

**Collaborators:** local EEs when the request comes from thier county  
**Funding:** none  
**Hours/Month:** 15  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Dodge, Fillmore, Freeborn, Goodhue, Houston, Mower, Olmsted, Rice, Steele, Wabasha, Winona  
**Submitted By (Primary Work Location):** Steinberg, Roger (Olmsted County --- Southeast District)
- **Minnesota At Your Service (Program)**

I have provided Minnesota At Your Service Training in an as needed role for several years. (Last year I provided training for an area hospital and at the state meetin for county assessors) Customer service training for any kind of business, community or county government. 150 participants last year

**Collaborators:** University of Minnesota Tourism Center  
**Funding:** Organizations pay for training manuals and purchase them directing from the University. If the training has been held at a distance or outside of our cluster, mileage is paid.  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Cottonwood, Stearns  
**Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)
- **Minnesota Forestry Association (Program)**

Assisted the MFA produce a display and continue to help them with educational programming related to their annual meeting and other functions

**Collaborators:** Stephanie Kessler, Executive Director  
**Funding:** College of Natural Resources travel support dollars provided by  
**Hours/Month:** 8  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Carlton  
**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)
- **Minnesota Logger Education Program (Program)**

A program on protecting site quality during logging will be provided to loggers and professionals. The focus will be on providing tools loggers and professionals can use to protect site quality and water resources.

**Collaborators:** Minnesota Logger Education Program, Mike Turner Director, Charlie Blinn, Louise

Yount College of Natural Resources

**Funding:** College of Natural Resources and Minnesota Logger Education Program. total cost of program is not known.

**Hours/Month:** 16

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Beltrami, Carlton, Cass, Koochiching, Lake, Winona

**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)

- **Minnesota River (Program)**

Am currently representing Extension on committee working with Action Media to help with a public awareness campaign about the river and farmers

**Collaborators:** MN River Joint Powers Board

**Funding:** none

**Hours/Month:** 3

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** N/A

**Submitted By (Primary Work Location):** Rager, Amy (Yellow Medicine County --- West Central District)

- **Minnesota River Valley Master Gardeners (Program)**

I provided support and management to the Minnesota River Valley Master Gardeners. The group meets once a month. My role was to attend meetings, provide an Extension presence, and make sure events planned are educational and meet the mission of the University of Minnesota Extension Service and the Master Gardeners. Approximately 25 people actively attend the meetings each month.

**Collaborators:** University of Minnesota Extension Service

**Funding:** Programs are funded by Master Gardener fund-raisers or registration.

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Blue Earth, Faribault, Nicollet

**Submitted By (Primary Work Location):** Kunkel, Kelly (Nicollet County --- Southwest District)

- **Native Seed Production (Program)**

We presented on growing, processing, harvesting and marketing native seed for sale to restoration/CRP plantings. We had 8 attendees (we limited to 10 selected people to allow people to have good field experience).

**Collaborators:** North Dakota Plant Materials Center WesMin RC&D CLC Ag Center

**Funding:** Partly self-funded, partly Central Region Partnership Grant

**Hours/Month:** 76

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Wadena

**Submitted By (Primary Work Location):** Demchik, Michael (Todd County --- Central District)

- **Natural Resources & Environmental Education (Program)**

Working with the County Water Plan a number of activities and programs are conducted yearly. We conduct the well water testing events or have kits available, we produce an environmental newsletter that goes out to 3600 households, we coordinated activities with after school programs, we coordinate the waste pesticide collection and clean pesticide container collection with MDA.

**Collaborators:** U of MN Extension Service, MDA, Norman County Water Plan Committee, other USDA Agencies, Agribusinesses and producers.

**Funding:** Grant funds from BRSWR, Clean Water Act, MDA, Agri-businesses with in-kind from Extension Service.

**Hours/Month:** 3

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Norman

**Submitted By (Primary Work Location):** Pazdernik, Kenneth (Norman County --- Northwest District)

- **Natural Resources Education for Youth (Program)**

Conduct the following programs annually: Natural Resources Field Days (6th grade) Soils Activity

(4th grade) Forestry - Paper-Making Activity (6th grade) Wolf Ridge ELC Slide Presentation (6th grade) ENVIROTHON (9th-12th grade)

**Collaborators:** Lake Superior School District Lake County SWCD Lake County Water Plan Minnesota DNR

**Funding:** Extension Lake County SWCD Lake County Water Plan Fee for NRFD participants

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Lake

**Submitted By (Primary Work Location):** Seidel, Wayne (Lake County --- Northeast District)

- **Natural Resources Fieldtrip (Program)**

This educational opportunity focuses in on natural resources education targeted to 4-5 graders. The major theme of the fieldtrip is caring for the environment. It centers on the inter-relationships between people, plants, and animals within the earth's environment and how they affect it. Guest presentors come from local agencies, volunteers who have a background in natural resources, Master Gardeners, etc. The fieldtrip is organized to encourage students to gain the most possible from the presentors, the site and the experience. The fieldtrip reaches about 1500 youth from 15 -16 schools across Anoka County. It is held each Spring in early May and utilizes two sites, an Anoka County Park in Andover and Springbrook Nature Center in Fridley. Once again the hours per month is not accurate, as this occurs only once a year, the hours listed below are the total hours I put in.

**Collaborators:** Anoka County Schools, Anoka County Parks Department, Springbrook Nature Center

**Funding:** Major funding is provided through an Ag Preservation Grant for the amount of \$9,250. In addition, schools are charged \$1.00 per student to help provide coverage for some of the costs.

**Hours/Month:** 30

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Anoka

**Submitted By (Primary Work Location):** Morreim, Patricia (Anoka County --- Metro District)

- **Natural Resources Fieldtrip (Program)**

Conduct 5 days of environmental education workshops to county 4th and 5th grade classrooms. Reach approx 3000 youth. Held one week in May each year. Program is in its 37th year. Coordinator hired to coordinate logistics of event. Staff assist on site with school orientation, instructor orientation, logistics, resources for instructors. Time commitment approx. 35-40 hours in April & May.

**Collaborators:** school districts in County

**Funding:** Ag Preserves grant \$9250.00 County funding (staff and support staff time)

**Hours/Month:** 35

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Anoka

**Submitted By (Primary Work Location):** Stevenson, Anne (Anoka County --- Metro District)

- **Natural Resources in Your Backyard (Program)**

Extension Priority Program Arena: NRE Private Lands and Businesses. The Natural Resources in Your Backyard (NRYB) program is an umbrella program. NRYB is currently funded on a two-year Extension Comprehensive Grant. I am co-PI with Mike Demchik and Mike Reichenbach. NRYB includes nine projects, a couple of which are reported separately (e.g. Woodland Advisor Program and REE Forestry / Agroforestry capacity building). This entry accounts for time spent on OTHER projects than the ones reported under separate entries. My responsibilities associated with this program (NOT including items reported in separate entries) are as follows: -Natural Resource Reports, a series of short, targeted publications that address emerging information needs in a timely manner. I co-ordinate this program with M. Demchik and M. Reichenbach. -Grant administration. I co-ordinate the administration of funds under this program. This responsibility occurs under close collaborators of the other co-PIs. -Support other NRYB programs for which other co-PIs have taken leadership (Sustainable Forestry Interpretive Sites, Living on a Few Acres programs, and Forest Tree Notes newsletter)

**Collaborators:** Internal: M. Demchik, M. Reichenbach, L. Yount, and R. Stine. External: Minnesota Forestry Association, MN DNR, and many others.

**Funding:** Extension Comprehensive Grant, FY 2002-2003: Total funding \$59,650. Northeast Minnesota Sustainable Development Partnership: \$8,000 Forest Stewardship Program: \$1000

UMN College of Natural Resources: \$6000

**Hours/Month:** 25

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** N/A

**Submitted By (Primary Work Location):** Sagor, Eli (Carlton County --- Northeast District)

- **NE Community Forest Workshop (Program)**

Workshop for professional foresters and people who work with community forests. February Workshop at the Cloquet Forestry Center. 60 people attended from across NE Minnesota.

**Collaborators:** Minnesota Shade Tree Advisory Committee

**Funding:** This group has a small budget held at the CFC

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Carlton

**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)

- **Oak Wilt Education and Mgt of a Cost Share Program (Program)**

We manage DNR oak wilt suppression grants to manage an oak wilt suppression cost share program. We hire part time staff to consult with local residents on the oak wilt situation, but manage hundreds of call each year. We put together and print oak wilt flyers and resources to be distributed to the public.

**Collaborators:** Extension Staff: Rod Elmstrand, Julie DeNio Oak Wilt Consultant: Steve Nelson  
DNR staff and related grant sources.

**Funding:** \$20-30,000 annual grant.

**Hours/Month:** 15

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Chisago

**Submitted By (Primary Work Location):** Elmstrand, Rodney (Chisago County --- Northeast District)

- **Oak Wilt Educational Intern/Oak Wilt Web Site (Program)**

About 100 hours are available to hire an oak wilt intern to direct the work of oak wilt education and development of an oak wilt web site for MN.

**Collaborators:** Extension, DNR, Private Foresters, Cities, Townships, private citizens.

**Funding:** \$20-30,000 DNR grant annually \$5000-7500 from county, cities and townships \$10,000 private citizens In-Kind from extension budget in Chisago County of an about 5 hrs per month.

**Hours/Month:** 5

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Chisago

**Submitted By (Primary Work Location):** Elmstrand, Rodney (Chisago County --- Northeast District)

- **On-Site Sewage Treatment Systems (Program)**

Homeowner education program offered as a series evening classes. The program teaches homeowners how to properly use and maintain on-site septic systems. Classes are taught each spring and fall at multiple locations. Participation ranges from 50 to 150 depending on location. There are more than 25,000 homeowners in Anoka County with on-site septic systems.

**Collaborators:** Rosi Heins, Extension Educator in Anoka County. State Extension Specialists in Rochester and on the St. Paul Campus of the University of Minnesota. Local municipal government officials.

**Funding:** Program funded through the Agricultural Preserves Program in Anoka County. Annual appropriations amount to about \$3,000 to \$4,000 per year.

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Anoka

**Submitted By (Primary Work Location):** Weicherding, Patrick (Anoka County --- Metro District)

- **On-site sewage treatment - Homeowner Operation & Maintenance (Program)**

Produce educational materials, conduct train-the-trainer events, support other field staff and do presentations to homeowner groups.

**Collaborators:** MPCA, Minnesota Lake Associations, lake associations, community groups

**Funding:** Fees from On-site Program, grants, reimbursement by communities, material sales, MPCA, others

**Hours/Month:** 25

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Aitkin, Anoka, Becker, Beltrami, Benton, Big Stone, Blue Earth, Brown, Carlton, Carver, Cass, Chippewa, Chisago, Clay, Clearwater, Cook, Cottonwood, Crow Wing, Dakota, Dodge, Douglas, Faribault, Fillmore, Freeborn, Goodhue, Grant, Hennepin, Houston, Hubbard, Isanti, Itasca, Jackson, Kanabec, Kandiyohi, Kittson, Koochiching, Lac qui Parle, Lake, Lake of the Woods, Le Sueur, Lincoln, Lyon, McLeod, Mahnommen, Marshall, Martin, Meeker, Mille Lacs, Morrison, Mower, Murray, Nicollet, Nobles, Norman, Olmsted, Otter Tail, Pennington, Pine, Pipestone, Polk, Pope, Ramsey, Red Lake, Redwood, Renville, Rice, Rock, Roseau, St. Louis, Scott, Sherburne, Sibley, Stearns, Steele, Stevens, Swift, Todd, Traverse, Wabasha, Wadena, Waseca, Washington, Watonwan, Wilkin, Winona, Wright, Yellow Medicine, N/A

**Submitted By (Primary Work Location):** Olson, Kenneth (Sherburne County --- Central District)

- **On-site sewage treatment - Homeowner Operation & Maintenance (Program)**

Produce educational materials, conduct train-the-trainer events, support other field staff and do presentations to homeowner groups.

**Collaborators:** MPCA, Minnesota Lake Associations, lake associations, community groups

**Funding:** Fees from On-site Program, grants, reimbursement by communities, material sales, MPCA, others

**Hours/Month:** 25

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Aitkin, Anoka, Becker, Beltrami, Benton, Big Stone, Blue Earth, Brown, Carlton, Carver, Cass, Chippewa, Chisago, Clay, Clearwater, Cook, Cottonwood, Crow Wing, Dakota, Dodge, Douglas, Faribault, Fillmore, Freeborn, Goodhue, Grant, Hennepin, Houston, Hubbard, Isanti, Itasca, Jackson, Kanabec, Kandiyohi, Kittson, Koochiching, Lac qui Parle, Lake, Lake of the Woods, Le Sueur, Lincoln, Lyon, McLeod, Mahnommen, Marshall, Martin, Meeker, Mille Lacs, Morrison, Mower, Murray, Nicollet, Nobles, Norman, Olmsted, Otter Tail, Pennington, Pine, Pipestone, Polk, Pope, Ramsey, Red Lake, Redwood, Renville, Rice, Rock, Roseau, St. Louis, Scott, Sherburne, Sibley, Stearns, Steele, Stevens, Swift, Todd, Traverse, Wabasha, Wadena, Waseca, Washington, Watonwan, Wilkin, Winona, Wright, Yellow Medicine, N/A

**Submitted By (Primary Work Location):** Olson, Ken (Sherburne County --- Central District)

- **One on one work with land owners regarding NR problems (Program)**

I frequently go on site to view a problem that a landowner is having regarding a NR issue (usually tree related) and educate them on the problem and discuss solutions.

**Collaborators:** self

**Funding:** County travel funds

**Hours/Month:** 3

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Rice

**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)

- **Outdoor Corps (Program)**

Youth-based environmental services business providing water quality monitoring services. Most work occurs over summer with approximately ten youth participants and ten participating lake associations.

**Collaborators:** Crow Wing County Water Plan Brainerd School District Central Minnesota Initiative Foundation area lake associations A. W. Research Labs College of Natural Resources

**Funding:** Crow Wing County Water Plan \$3,000 area lake associations \$1,000 A. W. Research Labs in-kind reduction of sample processing College of Natural Resources \$7,000

**Hours/Month:** 20

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Crow Wing

**Submitted By (Primary Work Location):** Montgomery, Kent (Crow Wing County --- Central District)

- **Pallet Phytosanitary Project (Program)**

This program is not scheduled yet. There will be a minimum of two workshops for the lumber and pallet industry and major pallet customers introducing the new regulations on treatment of pallets

used in export.

**Collaborators:** Harlan Peterson, Tom Milton, DNR Division of Forestry

**Funding:** \$5000 from the USDA-Forest Service State and Private Forestry

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Carlton

**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)

- **Pesticide Education and Training (Program)**

Educational programs to promote safe use of farm pesticides. 200-300 annually at meetings plus numerous news releases. Held in February.

**Collaborators:** Cooperatives, Chemical companies, Extension,

**Funding:** Cooperatives Chemical companies, Extension in-kind.

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Brown, Cottonwood, Jackson, Martin, Redwood, Watonwan

**Submitted By (Primary Work Location):** Wyatt, Gary (Watonwan County --- Southwest District)

- **Pesticide Safety Training for the DNR (Program)**

Provide basic pesticide safety training for DNR staff so that they meet Worker Protection Standards requirements. Annual meeting for parks, wildlife and trails personnel.

**Collaborators:** DNR

**Funding:** none

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Goodhue, Le Sueur, Rice, Steele

**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)

- **Poor Farm Wildlife Management Area Project (Program)**

Developing a management, research, and education program for a 320 acre wildlife management area and a 80 acre school farm site. Includes on-site and on-line forestry and wildlife management demonstrations.

**Collaborators:** Minnesota DNR Crow Wing County Land Department Brainerd School District

**Funding:** MN DNR \$11,000

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Crow Wing

**Submitted By (Primary Work Location):** Montgomery, Kent (Crow Wing County --- Central District)

- **Private Pesticide Applicator Training (Program)**

Plan and teach training sessions, usually a minimum of two per county. Attendance averages 35 per meeting. Meetings occur in January - early March. Coordinate distribution of testing materials from Rice Co. office.

**Collaborators:** Tim Arlt, cluster 16 office staff, Dean Herzfeld

**Funding:** County travel funds

**Hours/Month:** 60

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Freeborn, Mower, Rice, Steele

**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)

- **Private Pesticide Applicator Training (Program)**

Private Pesticide Applicator Training is an ongoing program conducted with Gary Wyatt, Watonwan County. Provides the training component for private pesticide applicators who will be applying for their applicator's license. Gary and I teach at least one three hour training in each county.

Attendance varies depending on the number of applicators needing renewal and certification that year. Usually from 120 to 300 producers in the six county area, attend the training.

**Collaborators:** University of MN Specialists MN Department of Agriculture Local Chemical Companies Bankers' Association Ag Star

**Funding:** Internal Funding. Supplies are funded by the sale of pesticide workbooks.

**Hours/Month:** 6

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Brown, Cottonwood, Jackson, Martin, Redwood, Watonwan

**Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)

- **Private Pesticide Applicator Training (Program)**

The PPAT program increases the awareness of individuals of the safe and proper handling of agricultural pesticides. Some measurable changes are: more attention to read and follow label directions, increased use of personal protective clothing and proper mixing and disposal of pesticides. 75 participants were involved with this winter program.

**Collaborators:** Primary collaborators include U of M Extension Offices, Pope County and Traverse County. Additional collaborators include agri-business.

**Funding:** Sponsors were obtained to fund the sites and refreshments.

**Hours/Month:** 8

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Douglas, Grant, Pope, Stevens, Traverse

**Submitted By (Primary Work Location):** Stommes, Robert (Pope County --- West Central District)

- **Reduced Tillage Education (Program)**

Integrated program of plots, media releases, workshops and speaking. I have even taken farmers to the Midwest Ridge/Strip till conference. Future work is dependant on my designated responsibilities. The program has been highly successful, and is being copied in other counties.

**Collaborators:** NRCS, SWCD, SROC

**Funding:** I have had grants in the past and see the potential to get more.

**Hours/Month:** 6

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Rice

**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)

- **REE Forestry / Agroforestry internal capacity building (Program)**

Priority Program Arena: NRE Private Lands & Businesses. This is an internal capacity-building program focused on Forestry / Agroforestry issues. Initial training and program development program planned for May 28-30, 2002. Expected attendance 15 REEs. Program key objectives and strategies: Outcome 1: Increased use of Extension and other informational materials relating to natural resources. Evaluation of Outcome 1: Track use of different resources through website hit-counters, publications sent out through the Extension Distribution Center, etc. Outcome 2: Increased knowledge of basic information and techniques related to the most frequently asked questions faced by REEs (e.g. how to properly plant a tree). Evaluation of Outcome 2: Participant surveys and tests in the field, direct observation during teaching sessions, 6-month follow-up surveys to evaluate retention and capacity for redelivery of new knowledge. Outcome 3: Stronger working relationships between campus and field faculty. Evaluation of Outcome 3: Six-month follow up survey to key, targeted campus faculty to evaluate whether or not they are in more frequent communication with field faculty than they were prior to the training. Outcome 4: An increase in the frequency of delivery of quality, Extension-based programs targeted to private woodland owners by project participants Evaluation of Outcome 4: Participants develop a plan for an outreach program to be delivered in the year following the training. At the end of the year, evaluate the number of these plans that were fulfilled as well as the effectiveness of these programs at meeting the five stated outcomes of the Natural Resources in Your Backyard program. Outcome 5: Better understanding new REE content needs, preferred learning methods, and preferred session formats. Evaluation of Outcome 5: Participant survey during and after session, individual interviews with participants.

**Collaborators:** Planning team includes 4 State Specialists, 4 former County Partnership EEs, and 4 Capacity Area EEs (in alphabetical order): Mel Baughman, Mary Blickenderfer, Charlie Blinn, Vince Crary, Mike Demchik, Renée Hink Ferrington, Gary Johnson, John Loegering, Kent Montgomery, Mike Reichenbach, Eli Sagor, Will Yliniemi

**Funding:** Total: \$7,000. Natural Resources in Your Backyard Extension Comprehensive Grant: \$3,500. District Director staff development funds: \$2500 (estimated; to cover participant travel costs) Capacity Area staff development funds: \$1000 (estimated)

**Hours/Month:** 20

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** N/A  
**Submitted By (Primary Work Location):** Sagor, Eli (Carlton County --- Northeast District)

- **Rivers and Lakes Fair (Program)**

Extension co-chairs the County Rivers and Lakes Fair, This will be the 6th year of the event. The planning is done with a committee of agency partners and volunteers. The panning begins in February, and the event is held the middle of June. There are 700 to 800 participants. It is a free family event done for residents and summer visitors to better understand water quality. Have had the responsibility for writing grants for funding, developing agendas,taking minutes, publicity and facilities.

**Collaborators:** NCRS, SWCD, Fish and Wildlife Service, Lake Associations,Private Woodlands, DNR, Community Education, MN Department of Agriculture, Army Corps of Engineers, Long Lake Conservation Center,

**Funding:** All the funding is donated. SWCD \$250, Private Woodlands \$100, Lutheran Brotherhood \$250, Kellar Foundation \$750, Water Planning \$500, Lake Associations \$500,Aitkin Public Schools \$600, Mille Lacs Community Trust \$300, Civic Organizations variable amounts, Door Prizes--solicited \$2000 value,

**Hours/Month:** 8

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Aitkin

**Submitted By (Primary Work Location):** Pitt, Jeanette (Aitkin County --- Northeast District)

- **Rural Living Expo (Program)**

150 people and 50 speakers and exhibitors attended the second annual Rural Living Expo at Trailview School in Mora on January 19, 2002. Seventeen topics were covered including septic systems,forestry, small acreages, molds in home and several others. The program was planned in the summer and fall of 2001, advertised heavily in December and January and held on a Saturday to enable more people to attend.

**Collaborators:** U of M Extension Service in PICK'M Environmental Quality Incentive Program Kanabec County Soil and Water Conservation District Natural Resources Conservation Service Mora Community Education Farm Service Agency Mora Lion's Club Minnesota Dept of Natural Resources Kanabec County Water Plan

**Funding:** Kanabec County Water Plan for advertising - \$1000 EQIP Grant - \$1000 for speakers, ads and office Mora Lions Club - \$300 for janitor

**Hours/Month:** 5

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Kanabec, Mille Lacs, Pine

**Submitted By (Primary Work Location):** Salmela, Theron (Kanabec County --- Northeast District)

- **Rural Living Expo (Program)**

January program , one day, 21 choices for classes in 4 time blocks, resource fair of agencies and businesses, 200 attended. Did in 2001 ans 2000. Topics useful for people living in the rural area - mold to trees, etc.

**Collaborators:** school district soil conservation Service Farm Service Agency Forestry and wildlife - DNR Extension - natural resources, forestry

**Funding:** Equip grant \$1000 county water plan \$1000 Lion's Club \$300

**Hours/Month:** 3

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Kanabec

**Submitted By (Primary Work Location):** Schafer, Karen (Kanabec County --- Northeast District)

- **Rural Living Workshops (Program)**

Conduct three rural living workshops aimed at new residents and owners of rural lands

**Collaborators:** Terry Salmela, Rod Elmstand, Troy Salzer, Kamal Alsharif

**Funding:** \$3000 from an EQIP Grant

**Hours/Month:** 8

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Carlton, Chisago, Isanti

**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)

- **Rural or Country Living Expo's (Program)**  
 A larger educational workshop is held each year to reach the increasing small acreage owner with a variety of rural living topics.  
**Collaborators:** County and state organizations and departments.  
**Funding:** Grants or in-kind or registration fees.  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Chisago  
**Submitted By (Primary Work Location):** Elmstrand, Rodney (Chisago County --- Northeast District)
- **Sea of Grass (Program)**  
 this program is a program that is offered to groups by myself and is a historical and educational program about life on the prairie as a pioneer. It is designed to help modern learners understand the importance of the prairie biome today. Program is offered year round upon request.  
**Collaborators:** none  
**Funding:** expenses paid by Extension budget ( mileage)  
**Hours/Month:** 6  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Big Stone, Chippewa, Lac qui Parle, Swift, Yellow Medicine  
**Submitted By (Primary Work Location):** Rager, Amy (Yellow Medicine County --- West Central District)
- **Septic System Operation and Maintenance (Program)**  
 Conduct seminars for persons with on-site septic systems. Field consumer calls on septic maintenance and operation. Seminars coincide with Washington County pumping notices; usually conduct 4-6 seminars per year.  
**Collaborators:** Washington County Public Health and Environment.  
**Funding:** none  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Washington  
**Submitted By (Primary Work Location):** Olson, Robert (Washington County --- Metro District)
- **Shelterbelts Around Livestock Facilities (Program)**  
 Educating feedlot owners about the benefits of planting shelterbelts around their feedlot facilities to protect the site from snow, wind, and possibly re-direct odors is the purpose of this program. Forming living screens between neighbors and the public is also a benefit. Feedlots that have planted shelterbelts have been few in number (<10) but the clientele are becoming more aware of the program. This has been an on-going program.  
**Collaborators:** Commissioners, County Environmental Officers, SWCD, NRCS, FSA, MPCA, DNR,  
**Funding:** Educational efforts have been in-kind. Projects are funded through NRCS/FSA by the Federal Government.  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Watonwan  
**Submitted By (Primary Work Location):** Wyatt, Gary (Watonwan County --- Southwest District)
- **Sherburne County Rural Living Workshop Series (Program)**  
 I work with the Sherburne County Rural Living Task Force to arrange a spring workshop series. This year we had three workshops: Upland Habitat Restoration, Horse Day, and Shoreland Naturalization. About 250 people attended these.  
**Collaborators:** Sherburne Rural Living Task Force Members (see related entry)  
**Funding:** The Extension office provides all the promotion and registration expenses. Participants pay \$5 for each workshop they attend, the rest of the money comes from the Water Plan and the SWCD funds.  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Sherburne

**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)

- **Shoreland Design Workshops (Program)**

I offer this two-part program series at least once, usually twice a year. It is offered to SV's, MG's, industry professionals (landscapers, nursery people) and resource professionals such as DNR, SWCD, BWSR, etc. Registration is limited to 40 people. The two sessions are held at least one month apart and are both 8 hour workshops.

**Collaborators:** Mary Blickenderfer

**Funding:** Participants pay \$25 if they are a SV or MG and \$50 if they are a professional. Registration fees cover all costs associated with the workshop.

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Benton, Sherburne, Stearns, Wright

**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)

- **Shoreland Education (Program)**

Two day class room instruction on shoreland restoration education including why, methods, techniques and resources, followed by a one day planting workshop.60 participants. Classes taught Fall, Winter, Spring. Planting workshops Summer, Fall. Also, shoreland education and implementation of restoration projects in 8 Upper Mississippi Headwaters Counties. Working with shoreland owners.

**Collaborators:** SWCD, Water Planners, Environmental Services, MPCA, Initiative Foundation, DNR, Leech Lake Band of Ojibwe, McKnight Foundation, Lake Associations, Mississippi Headwaters Board

**Funding:** Participant fees \$25 - \$95, MPCA \$1500, I Found \$10,000 over next two years, McKnight \$20,000 over next two years. \$15,000 Cass SWCD. \$5,000 Cass ESD. In-kind and book donations from Water Planners, DNR and Lake Associations.

**Hours/Month:** 140

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Cass, Crow Wing

**Submitted By (Primary Work Location):** Burkett, Eleanor (Cass County --- Central District)

- **Shoreland Education (Program)**

Working statewide with citizen leaders and property owners to improve management of shoreland areas and protect water quality of Minnesota's lakes and rivers. Developing educational materials related to shoreland education: website, videos, fact sheets

**Collaborators:** County and regional extension educators; state agency staff, local units of government (SWCDs, water planners), non profits, other educators

**Funding:** Pollution Control Agency; USEPA, LGUs

**Hours/Month:** 40

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Aitkin, Benton, Carlton, Cass, Chisago, Cook, Crow Wing, Dakota, Hennepin, Hubbard, Isanti, Itasca, Kanabec, Lake, McLeod, Mille Lacs, Morrison, Pine, Polk, Ramsey, St. Louis, Sherburne, Stearns, Washington, Wright

**Submitted By (Primary Work Location):** Liukkonen, Barbara (Ramsey County --- Metro District)

- **Shoreland Landscaping (Program)**

30 people from several counties attended the first two of three Shoreland Landscaping Workshops at the Knife Lake Sportsman's Club on June and October. A third and final two day planting session is set for June 7 and 8th on a private lakeshore lot on Knife Lake. The trained people will be asked if they are willing to assist lakeshore owners in planning vegetation landscaping projects on their shoreline.

**Collaborators:** Kanabec County Water plan for landscape materials; Knife Lake Sportsman's Club for use of their building and two meals; 4-H Foodstand managers for lunches; Mary Blickenderfer, U of M Extension Shoreline Vegetation Specialist for teaching.

**Funding:** Participants paid a fee; the Water plan is contributing \$1000 and the Sportsman's club paid for lunches at the first of two sessions; the landowners will hopefully provide lunch the last two days of planting.

**Hours/Month:** 4

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Kanabec

**Submitted By (Primary Work Location):** Salmela, Theron (Kanabec County --- Northeast District)

- **Shoreland Revegetation Workshops (Program)**

This is technically the third session of the Shoreland Design Series, but it is held separately. We usually have 25 people signed up to volunteer at this 6 hour workshop where they learn about shoreland zones, plants and how to actually do a shoreland project. This is all hands-on and free of charge. Participants bring their own lunch. The number of workshops we have depends on the amount of demonstration sites we have. Summer of 2001 we (Ben, my intern, and I) had 18 workshops with over 400 people in attendance.

**Collaborators:** Property owners for the sites, MG's, SV's, SWCD's, DNR, Water Plans, Lake associations and whoever else we can find.

**Funding:** Plants, materials and all site needs are paid for either by the landowner, grants or other funding. For instance last year I received \$30,000 in DNR grants, had several projects paid for by lake associations and another one paid for by the Wright-Hennepin Electric Company.

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Benton, Sherburne, Stearns, Wright

**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)

- **Shoreland Vegetation and Landscape (Program)**

300+ Master Gardeners, Shoreland Volunteers, natural resource professionals, county professionals, lake association leaders and shoreland property owners have completed a 3-part workshop series to train them in shoreland landscaping.

**Collaborators:** Lake Associations County Government (Enviro Services, SWDC, Water Plan) DNR Watershed Districts

**Funding:** 319 Grant - \$40,000 DNR - \$24,000 Local government and agencies \$25,000

**Hours/Month:** 115

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Aitkin, Benton, Cass, Chisago, Crow Wing, Hubbard, Isanti, Itasca, Kanabec, Lake, Le Sueur, Mille Lacs, Morrison, Nicollet, St. Louis, Sherburne, Stearns, Wadena, Wright

**Submitted By (Primary Work Location):** Blickenderfer, Mary (Itasca County --- Northeast District)

- **Shoreland Volunteer Program (Program)**

I coordinate all activities for this group of 94 volunteers from 5-6 counties. These volunteers provide several thousand hours of volunteer time. I provide annual core training once a year for new volunteers, then offer ongoing training, workshop and volunteer opportunities throughout the year. The goal of the program is to improve and preserve lake water quality by teaching best management practices and other important dimensions of water quality to the general public through a networks of trained volunteers. These volunteers provide the information to the general public through lake association newsletters, meetings, expos and other venues. My work on this program takes place 12 months a year.

**Collaborators:** U of M Extension - Mary Blickenderfer, Cindy Hagley, Barb Liukkonen, and Eleanor Burkett. MN Lakes Assoc - Paula West Water Planners for the counties in the area. DNR hydrologists and fisheries staff in the area. and many, many more based on the program we are working on.

**Funding:** Participants have fees for the core course that cover course expenses and more. We sell publications and products for money. I have received monies from the local water plans for much of my work. I raise money through the Shoreland Design workshops.

**Hours/Month:** 20

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Benton, Isanti, Kandiyohi, Sherburne, Stearns, Wright

**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)

- **Silvipasture Demonstration (Program)**

Silvipasture demonstration with fencing (including gates and corners) demonstration and off-grid technology (water and fence charger) demonstration

**Collaborators:** WestMin R, C & D Natural Resources Conservation Service Brainerd School District Central Region Partnership Crow Wing County Land Department Crow Wing County Sentence to Serve Brainerd FFA

**Funding:** WestMin R, C, & D \$5,000 (tentative) Central Regional Partnership \$5,000 (tentative)

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Aitkin, Cass, Crow Wing, Morrison

**Submitted By (Primary Work Location):** Montgomery, Kent (Crow Wing County --- Central District)

- **Silvopasture Demo (Program)**

Forage yield under newly thinned forest conditions. A demo to be done in Cass County.

**Collaborators:** Howard Moechnig Rick Schossow

**Funding:** MDA \$11,000

**Hours/Month:** 50

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Cass

**Submitted By (Primary Work Location):** Demchik, Michael (Todd County --- Central District)

- **Six County Feedlot group (Program)**

This group includes about 40 people made up of county commissioners, water plan coordinators, feedlot administrators, SWCD staff, Extension and about a dozen feedlot owners. This group reviews changes to current feedlot regulations and determines what educational efforts need to be done in counties, who will do them and what changes in the rules may be needed on the state level. From this group we have and will need to conduct FLEVAL tests on feedlots, explain open lot agreements to producers, assist in application for cost share where appropriate, help design and implement feedlot specs for odor control, runoff control and optimum lot performance. This may also include topics like composting dead animals and assisting with development of manure management plans for producers. I have also agreed to serve on a state MPCA committee to look at needed changes to how the feedlot rules are implemented in each area of the state.

**Collaborators:** County commissioners, county water planners, SWCD and county feedlot personell. MPCA staff and a good sample of local feedlot owners.

**Funding:** Funding for our efforts come from MPCA county feedlot funds, water plans and county boards.

**Hours/Month:** 44

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Kittson, Lake of the Woods, Marshall, Pennington, Red Lake, Roseau

**Submitted By (Primary Work Location):** Person, Howard (Pennington County --- Northwest District)

- **Solar Wood Drying (Program)**

Drying wood using a solar kiln. 8 participants

**Collaborators:** Harlan Peterson

**Funding:** Central Region Partnership Grant

**Hours/Month:** 61

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Cass

**Submitted By (Primary Work Location):** Demchik, Michael (Todd County --- Central District)

- **Solid Waste Programming (Program)**

Provide leadership for: Presentations to community groups and schools Displays for community events and revolving Displays for public areas Educational Brochure Development Technical Assistance for Businesses Educational component for HHW collections Pesticide Container Collection Waste Pesticide Collection Christmas Tree Recycling County Recycling Program for citizens and businesses Information, brochures, displays, mailings regarding compost produced at the Prairieland facility. Number of participants - 30,000

**Collaborators:** Martin, Faribault and Watonwan County Environmental Services Prairieland Compost Facility MN Department of Agriculture Minnesota Office of Environmental Assistance

**Funding:** Martin County Solid Waste Budget / Approximately \$60,000

**Hours/Month:** 75

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Faribault, Martin, Watonwan

**Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)

- **Southwest Minnesota Environmental Fair (Program)**

A two-day outdoor classroom learning event focusing on natural resources. Annually held in September, the fair draws sixth grade youth and teachers from a \_\_\_ county area. My portion of the event reaches approximately 400-500 people. The amount listed below in hours per month is the total amount of time, per year, spent on this program.

**Collaborators:** Soil & Water Conservation Districts

**Funding:** Sometimes mileage and expenses get paid.

**Hours/Month:** 22

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Big Stone, Chippewa, Cottonwood, Jackson, Lac qui Parle, Lincoln, Lyon, Murray, Nobles, Pipestone, Redwood, Rock, Swift, Yellow Medicine

**Submitted By (Primary Work Location):** Ostlie, Karen (Lincoln County --- Southwest District)

- **St. Peter Wellhead Protection Project (SPWHPP) (Program)**

The educational project involved field size, applied research regarding nitrogen rate application. Impetus is the City of St. Peter has three of their five wells registering more than 10 ppm nitrates. The wellhead area including the wells is an ag production area. The research focusses on 1) finding the optimum N rate for the corn crop produced, 2) verifying that the U of M nitrogen application rates are correct, 3) farmers in the wellhead area need to spring apply N and if they apply N in the fall they must use N-Serve, and 4) crediting of N from the previous years soybean crop. Two years of results has found that 90# of N is the optimum rate and that the U of M rates are indeed accurate and not too conservative. The project is active all year around and impacts approximately 155 people.

**Collaborators:** City of St. Peter water dept., U of M soils dept., MDA, Mn. Dept. of Health, NRCS, Nicollet SWCD, Brown/Nicollet Community Health, Blue Erath Agronomics, five area farmers, Nicollet County Commissioners, St. Peter City Council.

**Funding:** 319 Grant - \$60,000 EQIP Grant - \$20,000

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Nicollet

**Submitted By (Primary Work Location):** Hachfeld, Gary (Nicollet County --- Southwest District)

- **Sun Protection (Program)**

Sun Smart programming was conducted in a variety of ways. I taught at schools grades K-12, at farm safety camps, tractor safety training, Private Pesticide Trainings, at businesses, cooperatives, etc. Some of the information was dispersed by attending Health Fairs, Relay for Life Events, and County Employee Health Days. Each year I tried to reach new audiences. In 2001, I reached about 500 individuals. The dermascan is essential to the effectiveness of the information. Without the dermascan, individuals did not take the message seriously. Materials and handouts included U of MN developed handouts, and materials from the American Cancer Society and American Dermatologists Association. The season of work should be more in the winter but people seem more interested in the spring and early summer. This topic could be done anytime during the year.

**Collaborators:** Public Health, businesses, schools, school nurses, extension educators, community/service organizations.

**Funding:** Supplies were paid through the county. The basic supplies have been purchased. The only additional expense would be the ADA bookmarks which cost about \$.75 each.

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Kandiyohi, McLeod, Meeker, Renville

**Submitted By (Primary Work Location):** Gustafson, Judith (Renville County --- West Central District)

- **Sun Safety (Program)**

Programming for various audiences both youth and adult on the dangers of sun exposure. # of participants last year 900

**Collaborators:** Farm Bureau Cargill Martin County Farm Safety Committee Martin County Fair Board Fairmont Public Schools

**Funding:** Cargill Farm Bureau

**Hours/Month:** 3

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Martin

**Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)

- **Sunsmart (Program)**  
 Sunsmart is a sun safety and skin cancer awareness program offered to groups. Examples of groups include: Youth Health Conference Kiwanas Farm Safety Health Fairs Senior Centers Girl and Boy Scouts Hospital Health Fairs 4H Day Camps High Schools Last year I reached 1,125 people with the Sunsmart program  
**Collaborators:** University of Minnesota Extension Service  
**Funding:** University of Minnesota Extension Service  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Blue Earth, Faribault, Le Sueur, Nicollet, Sibley, Waseca  
**Submitted By (Primary Work Location):** Kunkel, Kelly (Nicollet County --- Southwest District)
- **Support of forest landowner networks (Program)**  
 Priority Program Arena: NRE Private Lands & Businesses. Support existing private forest landowner associations, and promote development of new organizations. These organizations include forestry co-operative businesses, private woodland councils, volunteer networks, and other forms of landowner co-operation and collaboration. The program's purpose is to build capacity for educational program delivery to the 140,000 forest landowners throughout Minnesota. Examples of this activity: Serving as Acting Co-ordinator of the Cook County Sustainable Forestry Co-operative (Dec 2000 - June 2002, my time and expenses funded by USDA RBEG grant); speaking at walks in the woods and meetings organized by landowner organizations, and related activities. The activities are diverse, but the purpose is consistent: to build landowner networks that provide fora for information sharing from the University to the community, among community members directly, and from the community to the University. This program also involves a research component: I contribute to a research project based at the UMN CNR the USDA Forest Service, and the University of Wisconsin investigating national trends in the development of forestry co-operatives.  
**Collaborators:** Internal: Charlie Blinn, Denny Smith (CNR Ph. D. student), others External: Co-operative Development Services (WI), Community Forestry Resource Center (MPLS), Mark Rickenbach (University of Wisconsin), Pam Jakes, USDA Forest Service, others.  
**Funding:** Total: \$12,600 \$~8000 in salary and operating expense support from USDA Rural Business Enterprises Program (RBEG), subcontracted on a grant to Co-operative Development Services, Madison, WI. \$3,600 Northeast Region Sustainable Development Partnership \$1,000 UMN College of Natural Resources operating expense account.  
**Hours/Month:** 40  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Aitkin, Beltrami, Carlton, Cass, Cook, Crow Wing, Hubbard, Itasca, Kanabec, Mille Lacs, Morrison, Otter Tail, St. Louis, Todd  
**Submitted By (Primary Work Location):** Sagor, Eli (Carlton County --- Northeast District)
- **Surface & Groudwater Testing & Education (Program)**  
 Water quality research and demonstration projects. ~County Water Task Force Member ~Approx 220 Participants/year ~Facilitation of issue specific groups  
**Collaborators:** Agencies - SWCD, NRCS, MPCA, BWSR U of MN Connections  
**Funding:** County Water Plan - various amounts  
**Hours/Month:** 15  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Hubbard  
**Submitted By (Primary Work Location):** Yliniemi, Willard (Hubbard County --- Central District)
- **Sustainable Communities (Program)**  
 This a \$20,000 grant project to involve youth in their local communities around issue of sustainability. We have a graduate student working with teachers in 4 school districts to evaluate and pilot programs and projects. It is funded by the SE Experiment in Rural Cooperation with in-kind support from SE Environmental Connections Network.  
**Collaborators:** SE Environmental Connections Network SE Experiment in Rural Cooperation Meagan Keefe(graduate student in College of Natural Resources) Dr Stephen Carlson(College of Natural Resources and Center for 4-H Youth development)  
**Funding:** \$20,000 from The SE Experiment in Rural Cooperation  
**Hours/Month:** 20  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Fillmore, Goodhue, Houston, Olmsted, Wabasha, Winona  
**Submitted By (Primary Work Location):** Steinberg, Roger (Olmsted County --- Southeast District)

- **Sustainable Forestry Incentive Act (Program)**  
The act provides incentive payments to private landowners for their long term commitment to the sustainable management of their privately owned forestland.  
**Collaborators:** Mike Kilgore, Dept of Natural Resources, Stephanie Kessler Minnesota Forestry Association  
**Funding:** College of Natural Resources  
**Hours/Month:** 8  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Carlton, Crow Wing, Hubbard, Koochiching, St. Louis  
**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)
- **Sustainable Forestry Incentives Act (Program)**  
Informational program on this new tax law for private landowners with over 20 acres of land.  
**Collaborators:** MFA/DNR  
**Funding:** 0  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Itasca  
**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)
- **Sustainable Forestry Interpretive Sites (Program)**  
Statewide sites that demonstrate forestry. This is viewable from the seat of a car.  
**Collaborators:** Mike Reichenbach Eli Sagor MANY OTHERS  
**Funding:** Forest Stewardship \$7535 Comprehensive grants \$5000 Others  
**Hours/Month:** 175  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** N/A  
**Submitted By (Primary Work Location):** Demchik, Michael (Todd County --- Central District)
- **Sustainable forests (Program)**  
Provide education to private forest land owners on issues related to taxes, timber income, wildlife habitat, planting, site and species selection, etc. One - two workshops per year, one - two field trips per year, usually in early summer. Usually well attended with 20 - 60 people showing up. Occasionally I present, usually I help set topics, agenda, make arrangements, publicize.  
**Collaborators:** Dick Peterson - DNR forestry office, Faribault.  
**Funding:** Frequently comes from the Rice Co. Forestry Committee, State Forestry Association, or from grant dollars obtained by Dick.  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Rice  
**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)
- **Trail Development (Program)**  
The purpose of this committee was to expand the regional trail system to the SW MN area. This would connect from the Red Jacket Trail south of Mankato to Lake Crystal to Madelia and from St. James to Ormsby. Trails Committee and focus groups have involved over 150 residents in the area. This program has been on-going since 1999.  
**Collaborators:** County Commissioners, County Engineers, DNR, City Planners, Comm. Economic Developers, residents, Recreational groups.  
**Funding:** In-kind funds have been used thus far for Committee meetings. A University Community Development Intern was also assigned to the project and conducted focus group work in 2001. These were funds from the Humphrey Institute.  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Blue Earth, Watonwan

**Submitted By (Primary Work Location):** Wyatt, Gary (Watsonwan County --- Southwest District)

- **Two Harbors Storm Water Management (Program)**

Led the process of developing a storm water management plan for the City of Two Harbors in concert with the Water Plan Coordinator and the Skunk Creek Watershed Committee. Our project included completing a natural resources inventory on Skunk Creek, securing grant dollars to hire a consulting firm to complete a storm water management plan, and being awarded two additional grants to design and construct three storm water detention basins.

**Collaborators:** City of Two Harbors Lake County Water Plan Lake County SWCD Lake County

**Funding:** Lake Superior Coastal Program (\$180,000 in grants) Lake County SWCD (\$10,000)

Lake County Water Plan (\$10,000) City of Two Harbors (>\$70,000) Minnesota PCA (\$45,000)

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Lake

**Submitted By (Primary Work Location):** Seidel, Wayne (Lake County --- Northeast District)

- **Understanding Algae (Program)**

This is a program I am developing. I am working on it in response to the tremendous amount of inquiries I have every summer regarding algae. I met with Professor and EEB Department Head Bob Sterner to discuss potential educational products that may be created using his research, my writing and his product evaluation. I put together a power point program called "Understanding Algae" I have to contact him to proof it. I would like to write a factsheet and eventually (the dream) is to find funding for a graduate student to assist in the development of an algae ID workshop to help people learn about the good, the bad and the ugly of algae.

**Collaborators:** Steven Daley-Laursen, Bob Sterner. This is a very important campus relationship that should not be ignored. He is very willing to help Extension.

**Funding:** None.

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Benton, Sherburne, Stearns, Wright

**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)

- **University of Minnesota-Duluth EIED 4344 Course (Program)**

Science and Environmental Education Methods course for 38 undergraduate students at UMD.

**Collaborators:** UMD Education Department

**Funding:** One section course fee paid to UM Extension by UMD.

**Hours/Month:** 15

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** St. Louis

**Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)

- **Vegetation Management in Agroforestry and Forestry Plantings (Program)**

A publication and program series on controlling weeds in tree plantings. The number of total participants in over 100 now.

**Collaborators:** Mike Reichenbach

**Funding:** Self-funded with publication funding from the Comprehensive Grant Natural Resources in your Backyard

**Hours/Month:** 175

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** N/A

**Submitted By (Primary Work Location):** Demchik, Michael (Todd County --- Central District)

- **Volunteer Water Monitoring (Program)**

Worked in seven-county metro and PICKM cluster to build volunteer water monitoring network. 1000 youth and adult volunteers in metro; approx 30 volunteers in PICKM cluster

**Collaborators:** County and regional Extension Educators; Metropolitan Council, MPCA, DNR, Friends of the Mississippi River, Rivers Council of MN, local units of government, VOLUNTEERS

**Funding:** Metropolitan Council - \$400,000 McKnight Foundation - \$34,000 Pollution Control Agency - \$2,000 plus ~\$40,000 annually, documented in-kind contributions from state agencies and local units of government

**Hours/Month:** 40

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** St. Louis

**Submitted By (Primary Work Location):** Liukkonen, Barbara (Ramsey County --- Metro District)

- **W.A.L.K.- Sixth Grade Conservation Program (Program)**  
Water, Air, Land and Knowledge (W.A.L.K.) is a conservation program offered to all county sixth grade classrooms. We have had 250-300 students, chaperones, and teachers who have participated in most years. The program is highlighted with a 3 mile guided walk in a restored wetland. Support materials are sent to teachers to prepare them for the day and a follow up quiz is given to re-enforce the learning. The W.A.L.K. is held in mid to late May as the weather is usually warmer and it is easier to navigate around the wetland.  
**Collaborators:** Soil and Water Conservation District, Renville County DNR Renville County Combined Services Renville County Planning and Zoning Hawk Creek Water Shed  
**Funding:** Grants from the Water Plan and Hawk Creek Watershed have been used. The annual total of expenses is around \$500 which covers snacks and porta-potties on site and some publications sent to the teachers.  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Renville  
**Submitted By (Primary Work Location):** Gustafson, Judith (Renville County --- West Central District)
- **Waste Pesticide and Plastic Container Pickup (Program)**  
We host a plastic pesticide container pickup in July. WE recylce approximatley 5000 containers each year. We also have a waste pestice collection in rotating years. We work with the Dept of Ag in both.  
**Collaborators:** Dept of Ag  
**Funding:** none  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Meeker  
**Submitted By (Primary Work Location):** Schwartz, David (Meeker County --- Central District)
- **Water Quality Programming (Program)**  
Gave Leadership for the educational component in the following programs: County Water Testing Wastewater Programming Martin County Water Friendly Neighbor Program Displays and programs for community groups and youth. Brochures for events and programs Radio and Newspaper Articles Number of participants - 5,000  
**Collaborators:** Martin County Water Plan and the Water Planning Board Martin County Environmental Services Office Blue Earth River Basin Initiative Martin County Soil and Water Conservation District  
**Funding:** Water Plan Budget \$2,000 Blue Earth River Basin Budget \$1,000  
**Hours/Month:** 20  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Martin  
**Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)
- **WC Regional PArtnership/ CURE project (Program)**  
am working with a group trying to garner funding from the WC partnership for water quality improvements via public awareness. my role will probably be to develop the ed curriculum for study circles.  
**Collaborators:** CURE WC Partnership  
**Funding:** WC Partnership  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** N/A  
**Submitted By (Primary Work Location):** Rager, Amy (Yellow Medicine County --- West Central District)
- **Weed Control Strategies (Program)**  
Present information on weed control strategies for forestry and produce a publications on weed

control strategies with Mike Demchik

**Collaborators:** Mike Demchik

**Funding:** College of Natural Resources and an internal extension grant. This project is a part of the Natural Resources in your backyard program.

**Hours/Month:** 4

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Carlton, Hubbard

**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)

- **Woodland Advisor Program (Program)**

This program has over 150 past participants and it is expected that the session to be held in Carlton and Pine Counties will add an additional 20 persons.

**Collaborators:** Eli Sagor, Mike Demchik, Mel Baughman, DNR and others assist in this program

**Funding:** This is a part of the internally funding Natural Resources in your backyard

**Hours/Month:** 20

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Carlton, Cass, Hubbard, Pine

**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)

- **Woodland Advisor Program (Program)**

Priority Program Arena: NRE Private Lands & Businesses. Woodland Advisor is currently one of our key programs. It is a Train the Trainer program focused on private forest landowner audiences but not exclusive to this group. It is offered throughout the state. Program seeks to engage citizens as active volunteers helping to meet local educational needs related to forest ecology, forest economic development, forest management, agroforestry, nontimber forest products, and a number of other topics. Typically between 12 and 20 students participate in each offering of the program. Seasons of activity: The Woodland Advisor Program has three stages: Primary Educational Sessions are 44 hours of classroom and field training, generally offered during the winter. Secondary (follow-up) sessions are offered during the appropriate seasons (e.g. when vegetation is growing). Volunteer activity coordination occurs during all seasons. This program also includes other types of educational sessions. We are planning a conference for all previous participants in this program to be offered June 2002.

**Collaborators:** Internal: M. Reichenbach, M. Demchik, J. Miedtke, D. Gilmore, M. Baughman, and others. External: Minnesota Forestry Association, MN DNR, and others.

**Funding:** Based on budget of Itasca Woodland Advisor Primary Sessions 2002. Total direct expenses \$4454. Per program offering: MN Forest Stewardship Program Grant: \$1200, routed through Minnesota Forestry Association Natural Resources in Your Backyard Extension Comprehensive Grant -for campus faculty and REE travel to program: \$2224 -for educational materials: \$230 Registration fees: \$900 In-kind contributions, Extension only: \$12,208 based on Extension standard hourly salary rates for EEs and State Specialists. General / support funds: Program assistant, Phil Monson, 6 months 1/2 time. \$8,000. Funded by Natural Resources in Your Backyard Extension Comprehensive Grant 2001

**Hours/Month:** 70

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** N/A

**Submitted By (Primary Work Location):** Sagor, Eli (Carlton County --- Northeast District)

## **Section II: Other Educational Activities and Presentations to Community Groups (e.g., newsletters)**

- **Central Minnesota Irrigators Clinic (Activity)**

I work with Dan Martens and the Central Minnesota Irrigators Association to host an annual clinic that is held in Sherburne County. There are usually 40 - 60 irrigators that attend and it is usually held in January. The mission of this group is to keep up-to-date on water quality and quantity issues as it relates to irrigation.

**Collaborators:** Dan Martens and the East Central Irrigators.

**Funding:** Extension pays for mailing and promotion, the association pays for everything else.

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Lake  
**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)

- **Children's Water Festivals (Activity)**  
 i teach at rotatin g sessions for about 350 kids only in the spring march-may  
**Collaborators:** other nr agencies are all there-good networking and extension exposure  
**Funding:** none  
**Hours/Month:** 8  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Wabasha **Submitted By (Primary Work Location):** Rager, Amy  
 (Yellow Medicine County --- West Central District)
- **City to Farm Day (Activity)**  
 City to Farm Day will take place on a dairy farm on June 15. Farmers, businesses, city chambers along with Pope County Extension, Douglas County Extension and Stearns County Extension are providing leadership with this educational event. We are hoping to have between 1,000 and 2,000 people attend this event.  
**Collaborators:** Primary collaborators include farmers, business, Pork Producers Association, Corn and Soybean Growers Association, Pope, Stearns and Douglas American Dairy Association with leadership provided from Pope County Extension, Douglas County Extension and Stearns County Extension.  
**Funding:** Funding for this event will be from meal tickets, donations, sponsors and grants. The amount has not been determined yet.  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Chippewa **Submitted By (Primary Work Location):** Stommes, Robert  
 (Pope County --- West Central District)
- **Classroom Environmental Education (Activity)**  
 Provide a vatiety of classroom environmental activities to schools.  
**Collaborators:** County Schools  
**Funding:** Solid Waste Budget  
**Hours/Month:** 8  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Renville **Submitted By (Primary Work Location):** Rabbe, Billeye  
 (Martin County --- Southwest District)
- **Community presentations (Activity)**  
 Public education presentations  
**Collaborators:** Various community groups--St. Louis River Citizens Action Coalition, Izaak Walton League, UMD, etc.  
**Funding:** NA  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Dodge, Fillmore, Freeborn, Goodhue, Houston, Mower, Olmsted, Rice, Steele, Wabasha, Waseca, Winona **Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)
- **Contact for Household Hazardous Waste Technical Questions (Activity)**  
 Provide answers for HHW questions on an as needed basis.  
**Collaborators:** Martin County Environmental Services Prairieland Compost Facility  
**Funding:** Internal  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Swift **Submitted By (Primary Work Location):** Rabbe, Billeye (Martin County --- Southwest District)
- **County Conservation Days (Activity)**  
 rotating sessions for about 1200 5th graders activites are usually around Water quality these all take place in may  
**Collaborators:** other agencies -NR related  
**Funding:** none  
**Hours/Month:** 50

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served: Submitted By (Primary Work Location):** Rager, Amy (Yellow Medicine County --- West Central District)

- **County Environment Issues (Activity)**  
Plan and conduct all educational efforts around environmental issues within the county. Assist with land use and zoning issues to the county board and township officials. Coordinate three household hazardous waste collections with the ten county regional facility. Administer the county composting facility contract with SWIS Corp and report to the board as necessary. Do educational programs on recycling, waste reduction and reuse. Do state reports for SCORE and OEA on waste efforts. Liason for the county on solid waste issues with the MPCA, OEA and SWIS Corp.  
**Collaborators:** County board, SWIS Corp, MPCA, OEA, SWCD  
**Funding:** mostly county funds, some from OEA and PCA.  
**Hours/Month:** 32  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served: Submitted By (Primary Work Location):** Person, Howard (Pennington County --- Northwest District)
- **Decision Case Facilitation (Activity)**  
Presenting decision cases to groups on an as needed basis.  
**Collaborators:** Groups and schools where presented.  
**Funding:** Internal  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served: Submitted By (Primary Work Location):** Rabbe, Billeye (Martin County --- Southwest District)
- **Drainage paired comparison plots (Activity)**  
Local coordination of drainage plots remaining from expired LCMR grant. Serve as link between U of M researchers and Mark Bauer, farmer. Assist with data interpretation and outreach from project.  
**Collaborators:** Mark Bauer, Jay Bell, Dan Wheeler  
**Funding:** \$250 plot rent for Mark Bauer  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served: Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)
- **Educational Presentations to Community Groups (Activity)**  
Provide Educational Presentations to groups in the community.  
**Collaborators:** Internal / Groups in the county  
**Funding:** Internal  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served: Submitted By (Primary Work Location):** Rabbe, Billeye (Martin County --- Southwest District)
- **ENR newsletter (Activity)**  
newsletter put out quarterly to High school ag, sceince, and natural resource teachers. i contribute by writing an issue when it is my turn in the rotation  
**Collaborators:** schools in SW MN  
**Funding:** postage is paid by mailing office  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served: Submitted By (Primary Work Location):** Rager, Amy (Yellow Medicine County --- West Central District)
- **Environmental Connections "Chisago County Newsletter" (Activity)**  
This is a new newsletter sent to about 20000 households primarily in Chisago County. It is focused on resources and programs related to the "environment". It may be printed and set 2 times per year.  
**Collaborators:** U of M Extension, Chisago County Chisago County Water Plan, Environmental

Services, SWCD, and Recycling Coordinator.

**Funding:** Each agency put in about \$1500 per issue and the county board contributed about the same this last issue.

**Hours/Month:** 8

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served: Submitted By (Primary Work Location):** Elmstrand, Rodney  
(Chisago County --- Northeast District)

- **Envirothon (Activity)**

Competition for area Junior and Senior High youth on environmental education issues. I judge the oral presentations that have been prepared by the group. 120 youth Month of May only.

**Collaborators:** Sponsored in whole by local SWCD's and schools

**Funding:** Schools pay a registration fee, SWCD picks up the rest

**Hours/Month:** 8

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served: Submitted By (Primary Work Location):** Doering, Shirley (Blue Earth County --- Southeast District)

- **EQIP Grant (Activity)**

The EQIP grant is a cooperative effort with Pope and Traverse County Extension along with the WCROC to evaluate phosphorus movement in soil with various methods of manure application. Also, comparisons will be made with land that had manure applied for an extended time to land which did not receive manure. This study will be presented to producers at field days and during winter meetings.

**Collaborators:** Primary collaborators include Pope County Extension, Traverse County Extension, WCROC, farmers, NRCS and SWCD.

**Funding:** The grant request for this project is \$9,925 from EQIP.

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served: Submitted By (Primary Work Location):** Stommes, Robert  
(Pope County --- West Central District)

- **Feedlot Update Video (Activity)**

The video illustrates the planning and the process of developing a feedlot upgrade which took place on Mark Halls farm. The video requires development work over a year period. The video will be available statewide from MPCA offices and from the University of Minnesota Extension Service Distribution Center.

**Collaborators:** The Feedlot Update Video developed from a grant which was received from MPCA and Chippewa River Watershed Project. The video is a joint effort with NRCS, SWCD, MPCA, Environmental Services along with U of M Pope County Extension.

**Funding:** Funding for the project is provided from a grant from the Chippewa River Watershed Project and MPCA in the amount of \$3000.

**Hours/Month:** 5

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served: Submitted By (Primary Work Location):** Stommes, Robert  
(Pope County --- West Central District)

- **focus groups (Activity)**

We design and conduct focus groups for state and local agencies, organizations, and local governments, working on natural resources/environmental issues who cannot afford the services of a private consultant. We have involved about 60 people in the past year.

**Collaborators:** Dr Richard Krueger

**Funding:** none

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served: Submitted By (Primary Work Location):** Steinberg, Roger  
(Olmsted County --- Southeast District)

- **Forest Tent Caterpillars (Activity)**

Educational materials prepared to be used in classroom with 2-4 grade. Promotional materials sent to 75 elementary schools in this region. Schools may purchase the curriculum. May, 2002 is target

for delivery

**Collaborators:** Work with Tom Beery and Bob Olen, provide materials to colleagues in counties

**Funding:** Current county budget to cover set-up costs. Will charge \$5.00 per packet

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Chippewa, Lac qui Parle, Lincoln, Lyon, Murray, Nobles, Pipestone,

Rock, Yellow Medicine **Submitted By (Primary Work Location):** Boyce, Sherry (St. Louis County --- Northeast District)

- **Forest Tree Notes (Activity)**

Produce a 1/4ly newsletter Forest Tree Notes sent or delivered to 1400 persons

**Collaborators:** Mike Demchik, Eli Sagor and other others, NE Sustainable Development Partnership, College of Natural Resources

**Funding:** Currently funding is through the Natural Resources in Your Backyard internal extension grant.

**Hours/Month:** 6

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Winona **Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)

- **Forestry Field Day (Activity)**

Environmental Education Programming for grade 5 and 6 students at field sites in S. St. Louis and Carlton Counties. Approx. 200 youth per site Day-long programs in the Autumn

**Collaborators:** Duluth Public Schools #709 Cloquet Forestry Center

**Funding:** no special funds

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Lyon **Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)

- **From Shore to Shore (Activity)**

I write this monthly newsletter that goes out to the Shoreland Volunteers and many others who have attended various workshops and wish to keep informed about information and events related to protecting lakes. There are about 200 people who receive it. I also put both PDF and Word files of each newsletter on the web. The goal in the next few months is to share the newsletter with whatever extension office would like it. The Shoreland Team (Mary, Barb, Cindy, Eleanor and I) would all collaborate to write 3 pages and the fourth page could be written and tailored to the local needs.

**Collaborators:** Cindy Hagley, Barb Liukkonen, Mary Blickenderfer and Eleanor Burkett.

**Funding:** County.

**Hours/Month:** 4

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** **Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)

- **General forest management field and classroom presentations (Activity)**

Presentation and Walk in the Woods series delivered on an invited basis. Common topics include timber stand improvement, red pine plantation thinning options, small-scale timber harvesting equipment, non-timber forest products, and related topics. Audiences are diverse but generally include adults interested in improving their forest management practices on private properties. Recent examples include Master Gardener groups, forest landowner associations, loggers, school teacher trainings, and others. Seasons: all.

**Collaborators:** Internal: M. Demchik, M. Reichenbach, and many others. External: Landowner associations, Minnesota Forestry Association, and others.

**Funding:** Natural Resources in Your Backyard Extension Comprehensive Grant -for campus faculty and REE travel to sessions: \$~650 -for educational materials: \$100 Registration fees: \$900 In-kind contributions, Extension only: \$12,208 based on Extension standard hourly salary rates for EEs and State Specialists. General / support funds: Program assistant, Phil Monson, 6 months 1/2 time. \$8,000. Funded by Natural Resources in Your Backyard Extension Comprehensive Grant 2001

**Hours/Month:** 20

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Dakota **Submitted By (Primary Work Location):** Sagor, Eli (Carlton County --- Northeast District)

- **Glacial Ridge Cattlemen Association (Activity)**  
As a member of the Glacial Ridge Cattlement Association, I provide educational resources to the association throughout the year. The association consists of 70 members.  
**Collaborators:** The primary collaborator is the Glacial Ridge Cattlemen Association with involvement from agri-businesses.  
**Funding:** Funding is provided through membership fees and agri-business sponsors.  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Polk **Submitted By (Primary Work Location):** Stommes, Robert (Pope County --- West Central District)
- **Ground Water Festival (Activity)**  
Explain to area 4th graders the importance of protecting the ground water quality for agriculture.  
**Collaborators:** Area agencies related to water quality.  
**Funding:** Not Applicable  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** St. Louis **Submitted By (Primary Work Location):** Drewlow, Milan (Traverse County --- West Central District)
- **Group Facilitation (Activity)**  
Facilitation of groups who need to reach a consensus, usually centering on environmental issues.  
**Collaborators:** Martin County Commissioners PrairieLand Compost Facility Martin County Environmental Services  
**Funding:** Internal  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Lincoln **Submitted By (Primary Work Location):** Rabbe, Billeye (Martin County --- Southwest District)
- **Guest lectures for CNR undergraduate courses (Activity)**  
Guest lectures offered on an invited basis for College of Natural Resources undergraduate courses. Usually two to three per year. These lectures address emerging trends and issues in forest ecology and management in Minnesota. They also provide an important opportunity to make future natural resources professionals aware of the work that Extension does in this arena. I do this work as an Adjunct member of the faculty of the Department of Forest Resources.  
**Collaborators:** N/A  
**Funding:** None.  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Aitkin, Carlton, Chisago, Isanti, Kanabec, Mille Lacs, Pine **Submitted By (Primary Work Location):** Sagor, Eli (Carlton County --- Northeast District)
- **Housing (Activity)**  
Specific topics are requested for a service group, or other community group. I taught a session at a senior expo on "DeJunking Your Life", a Historical Society on "Current Cleaning Products", etc. I have done presentations on various topics in the housing and textile area. I helped provide 4-H project training for clothing and fashion review. There have been from 30 to 150 individuals involved, depending upon the event.  
**Collaborators:** Sponsoring agencies  
**Funding:** Renville County  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Scott **Submitted By (Primary Work Location):** Gustafson, Judith (Renville County --- West Central District)
- **Indoor Air Quality - molds (Activity)**

This topic doesn't involve ongoing or consistent programming. Depending upon the season (& if we are having flood conditions) we receive a lot of consumer questions related to indoor air quality and molds. In 2001 I developed and staffed a booth on mold & mildew at a local health fair. I occasionally do columns on the topic. Our local Montevideo Middle School has some major indoor air quality problems, so I worked with school officials and Countryside Public Health to offer a workshop in 2000 and occasionally get calls and questions from concerned parents and an occasional school board member. During the flood we provided a lot of info. to people & the media about clean up, etc.

**Collaborators:** Public Health

**Funding:** 0

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Rice **Submitted By (Primary Work Location):** Croymans, Sara (Chippewa County --- West Central District)

- **Information Requests (Activity)**

Providing educational information to the public - throughout the year - relating to natural resources and agriculture. A sample of topics requested include: black knot, tent caterpillars, lead, molds, apple trees, windbreaks, soil testing, ladybugs, bird feeding, winter injury, lawn problems, deer, plant and insect identification, native plants, tree diseases, etc.

**Collaborators:** n/a

**Funding:** n/a

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Aitkin, Becker, Clay, Otter Tail, Wilkin **Submitted By (Primary Work Location):** Ostlie, Karen (Lincoln County --- Southwest District)

- **Itasca County Extension Service Newsletter (Activity)**

Submit newsletter items..4 to 6 times a year to 1300 people.

**Collaborators:** Extension

**Funding:** ?

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Jackson **Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)

- **Itasca Private Woodland Committee (Activity)**

Programming for private woodland group to educate private landowners on forest management. Every year the group has done a fall tour, and noon luncheons with programs, but this year we have expanded programs throughout the summer as the result of the Woodland Advisor Program. Assist with newsletter.

**Collaborators:** Non industrial private landowners, DNR, USFS, SWCD, University

**Funding:** Funding through the Woodland Stewardship Program/ MFA \$2500.

**Hours/Month:** 20

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Fillmore, Houston, Winona **Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)

- **Itasca Woodland Committee (Activity)**

newsletter items.

**Collaborators:** Itasca Woodland Committee-Keith Matson

**Funding:** Woodland Stewardship Grant monies.

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Jackson **Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)

- **Media Work (Activity)**

Write/prepare informational news columns each week for the four county weekly newspapers. All papers are excellent in publishing Extension information. I usually try to write within my capacity area, as well as include agriculture-related columns from fellow educators. Extension in Lyon and

Lincoln Counties also has a 20-minute live radio show each Friday from the Marshall radio station KMHL. I am responsible for one show each month.

**Collaborators:** Ivanhoe Times Tyler Tribute Hendricks Pioneer Lincoln County Valley Journal  
KMHL Radio

**Funding:** n/a

**Hours/Month:** 8

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Redwood **Submitted By (Primary Work Location):** Ostlie, Karen  
(Lincoln County --- Southwest District)

- **Morrison County Water Festival (Activity)**

A one day camp that focuses on water and water quality issues for all Morrison County sixth grade youth. The camp is held each September at Camp Ripley, north of Little Falls. Over 600 Morrison County sixth grade youth participate each year. Extension has had various roles on the planning committee and teaching sessions, particularly the "Enviroscape" session.

**Collaborators:** Morrison County Soil and Water District; Morrison County Planning and Zoning; Morrison County Water Plan Coordinator; Camp Ripley staff; DNR Staff; Univ of MN Extension Staff; Mississippi Watershed staff; Minnesota Fishing Museum staff

**Funding:** Water Planning dollars and other grants fund this program, with much support from Camp Ripley

**Hours/Month:** 25

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Becker **Submitted By (Primary Work Location):** Slettom, Julie  
(Morrison County --- Central District)

- **Natural Resources Field Tours (Activity)**

Week long activity for elementary school children in Anoka County. Usually conducted the first or second week in May. Participation ranges from 1,200 to 1,500 students each year. Educators are responsible for the coordination of this activity and support during the actual event.

**Collaborators:** County Extension Educators and 4-H Program Assistants

**Funding:** Funded through the Agricultural Preserves Program in Anoka County. Annual funding is approximately \$10,000.

**Hours/Month:** 40

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Otter Tail **Submitted By (Primary Work Location):** Weicherding, Patrick  
(Anoka County --- Metro District)

- **Natural Resources Field Trip (Activity)**

One week of environmental education day field trip for 4th & 5th grades open to all Anoka County Schools, participants per day varies from 250 to 400. Always done in for one week in May.

**Collaborators:** none other than teachers that may come from other agencies

**Funding:** Anoka County Ag Preserves Grant for \$9,250

**Hours/Month:** 30

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Otter Tail **Submitted By (Primary Work Location):** Heins, Rosemary  
(Anoka County --- Metro District)

- **Newspaper Articles (Activity)**

Preparing educational newspaper articles for county newspapers. They are shared with other NRE Educators

**Collaborators:** Internal

**Funding:** Internal Paid Ads - Solid Waste Budget

**Hours/Month:** 6

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Big Stone, Grant, Lac qui Parle, Pope, Stevens, Swift, Traverse **Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)

- **newsletter articles (Activity)**

Provided articles for local newsletter (environmental topics).

**Collaborators:** Sugarloaf Interpretive Center

**Funding:** NA

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served: Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)

- **Newsletters (Activity)**

I contribute to several newsletters that are distributed through the Nicollet County Extension office: North Mankato News (monthly): 11,500 people - I submit two-three articles Family Focus (bi-monthly): 750 people - I submit one article for the "Cluster 29" portion of the newsletter, and add several articles and calendar for the Nicollet County portion. Nutrition Notions(monthly): 525 - Developed by Kim Ashe, I add a cover page of events.

**Collaborators:** University of Minnesota Extension Service

**Funding:** Nicollet County North Mankato News: \$10,101.60/year Family Focus: \$4,560.00/year

Nutrition Notions: \$1,212.96/year

**Hours/Month:** 4

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served: Submitted By (Primary Work Location):** Kunkel, Kelly (Nicollet County --- Southwest District)

- **Non point education for municipal officials (NEMO) (Activity)**

Poised to support efforts utilizing the NEMO educational package by providing more in depth workshops from issues raised in these discussions (e.g., stormwater design, fiscal impact of infrastructural decisions, etc.).

**Collaborators:** Metropolitan Council

**Funding:** Metropolitan Council--??

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served: Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)

- **NRE Capacity Area Leadership Team (Activity)**

NRE planning meetings

**Collaborators:** NA

**Funding:** NA

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served: Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)

- **On-site septic system homeowner programs (Activity)**

Organized and conducted 1-3 homeowner workshops in early spring. 20 to 50 attendees per session.

**Collaborators:** Rosie Heinz, Patrick Weicherding and Ken Olson. Hennepin Conservation District staff have co-presented at several workshops over the years as well.

**Funding:** Ken Olson has had some funds available for small expenses and workbook sales to cities have helped support the workshops.

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served: Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)

- **Onsite Wastewater Treatment (Activity)**

Provide materials for local newspapers, newsletters, etc. from our septic website and special articles as requested.

**Collaborators:** Community organizations, MPCA, MLA, MN Onsite Sewage Treatment Contractors Assn., AMC, MAT, MNASC's,

**Funding:** MPCA, product sales, workshop fees, reimbursement from communities, professional associations, etc.

**Hours/Month:** 15

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Freeborn **Submitted By (Primary Work Location):** Olson, Kenneth (Sherburne County --- Central District)

- **Onsite Wastewater Treatment (Activity)**  
Provide materials for local newspapers, newsletters, etc. from our septic website and special articles as requested.  
**Collaborators:** Community organizations, MPCA, MLA, MN Onsite Sewage Treatment Contractors Assn., AMC, MAT, MNASC's,  
**Funding:** MPCA, product sales, workshop fees, reimbursement from communities, professional associations, etc.  
**Hours/Month:** 15  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Freeborn **Submitted By (Primary Work Location):** Olson, Ken (Sherburne County --- Central District)
- **Pennington County Water Plan (Activity)**  
Assist with water plan development and educational component development. My parts within the water plan include issues around feedlots, individual septic treatment systems, water quality educational components and youth conservation education issues.  
**Collaborators:** SWCD, Water Shed, County Board, DNR, BWSR, county residents.  
**Funding:** Primary funding from BWSR with some funds from MPCA.  
**Hours/Month:** 8  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Chisago, Isanti, Kanabec, Mille Lacs, Pine **Submitted By (Primary Work Location):** Person, Howard (Pennington County --- Northwest District)
- **Perimeter tile testing (Activity)**  
Sample all perimeter tile around hog buildings built since 1995. Samples are collected and tested each year. Once a year project with about 35 samples.  
**Collaborators:** Murray County Water Plan and Murray County Extension Service.  
**Funding:** Murray County Water Plan pays for testing. \$900  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Clay **Submitted By (Primary Work Location):** Bau, David (Murray County --- Southwest District)
- **Presentations (Activity)**  
Various shoreland program presentations to organizations, including SWCD, NRCS, VMAM, DNR, NALMS, Man-O-Min, Master Gardener, garden clubs, lake associations, etc.  
**Collaborators:** (same as above)  
**Funding:** Travel, conference fees, and per diem reimbursed,  
**Hours/Month:** 40  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Fillmore **Submitted By (Primary Work Location):** Blickenderfer, Mary (Itasca County --- Northeast District)
- **Presentations (Activity)**  
Presentations on Shoreland Education, Gardening topics, Aquatic Plants, Giving Presentations. 300 participants.  
**Collaborators:** Master Gardeners, Home Study Groups, Lake Associations, Garden Clubs, SWCD, Central Lake Ag Center  
**Funding:** none  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Big Stone, Chippewa, Grant, Kandiyohi, Lac qui Parle, Lyon, Murray, Pipestone, Swift, Yellow Medicine **Submitted By (Primary Work Location):** Burkett, Eleanor (Cass County --- Central District)
- **Radio programs (Activity)**  
Weekly radio programs are provided to KMRS along with crop updates during the summer. Periodic programs are provided to the Linder Network during the summer. Radio programs are also

provided to KMGK every two weeks. Radio programs are provided throughout the year.

**Collaborators:** Primary collaborators include the U of M Extension Office-Pope County and radio stations.

**Funding:** Air time is donated.

**Hours/Month:** 5

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Nobles **Submitted By (Primary Work Location):** Stommes, Robert (Pope County --- West Central District)

- **Rice Co. Lakes Advisory Committee (Activity)**  
Attend committee meetings each month and offer advice on agenda items. Occasionally plan programming.  
**Collaborators:** Rice P&Z  
**Funding:** The committee has some money  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** N/A **Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)
- **Rice County Water Plan Advisory Committee (Activity)**  
Attend meetings and give input on items of discussion. Meets once a month.  
**Collaborators:** Rice Co. Planning and Zoning  
**Funding:** None  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Ramsey, Washington **Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)
- **River Friendly Farmer (Activity)**  
Help the SWCD select potential participants, review applications, provide education for applicants. Selection happens once a year.  
**Collaborators:** SWCD  
**Funding:** none  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** N/A **Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)
- **Riverwatch Congress (Activity)**  
Environmental Education Programming at a high school river conference.  
**Collaborators:** Riverwatch  
**Funding:** no special funds  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Chippewa **Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)
- **Runoff Race - Children's Water Festival (Activity)**  
Volunteer presenter at the Children's Water Festival, my assigned presentation is the Runoff Race which introduces basic concepts about soils and erosion. Usually there are four presentations during the day. This event is held annually in North Mankato  
**Collaborators:** I have always been contacted by the planning committee.  
**Funding:** I already have the presentation materials. Only cost is travel.  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Benton, Sherburne, Stearns, Wright **Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)
- **Safe drinking water resource (Activity)**  
Serve as a resource/contact for Extension Educators who have received consumer questions about

safe drinking water issues; statewide

**Collaborators:** MN Department of Health,

**Funding:** none

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Kittson, Mahnommen, Marshall, Norman, Pennington, Polk, Red Lake, Roseau  
**Submitted By (Primary Work Location):** Liukkonen, Barbara (Ramsey County --- Metro District)

- **Septic maintenance workshops, consumer calls on water, environmental topics (Activity)**  
answer consumer calls on water quality, conduct septic system homeowner workshops, other questions. Assist lake associations, stream and lake monitors and other groups as requested.  
**Collaborators:** Isanti County Water Plan team  
**Funding:** no cost  
**Hours/Month:** 15  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Carver, Chippewa, Kandiyohi, McLeod, Meeker, Renville  
**Submitted By (Primary Work Location):** Malmquist, Valerie (Isanti County --- Northeast District)
- **Septic System Ownership and Maintenance (Activity)**  
I send letters out to all the townships asking them to host a 1 1/2 hour workshop at their town hall. They set the dates and pay for the participants to receive the \$4 manual. This has been very successful in the past, last year 4 townships hosted it and I have managed to get to nearly every one in the last two years. I also hold community ed workshops.  
**Collaborators:** Zoning department, Townships.  
**Funding:** Townships pay for the cost of materials and all promotion. No other cost, except my time.  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Le Sueur  
**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)
- **Shoreland issue presentations (Activity)**  
I receive at least 20 calls a year to give presentations at local community group meetings, such as annual lake association meetings, county assessor trainings, shoreland excavator trainings, etc. I have a number of presentations that I have put together and offer to present on one of the following topics: Shoreland restoration, erosion control (either temp or perm), algae, lawn care BMP's, exotic species, or the Shoreland Volunteer program.  
**Collaborators:** Whoever requests the service.  
**Funding:** none.  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Le Sueur  
**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)
- **Sportsman's Show and other expos (Activity)**  
I coordinate booths at various expos such as lake association annual meetings. I have four displays that are already created on exotic species, shoreland restoration, the shoreland volunteer program and lawn care. The most extensive expo is the sportsman's show in St. Cloud. The Shoreland Volunteers host this show and work the booth the entire three days of the expo. They provide information and have individual contact with nearly 600 people/year.  
**Collaborators:** The individuals who call and Cenaiko productions that runs the St. Cloud Sportsman's Show.  
**Funding:** \$200 for sportsman's show registration. This is paid for out of monies I receive from other educational events focusing on water quality.  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Le Sueur  
**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)
- **Study Group Programming (Activity)**  
Provide leadership for study groups in the county and present lessons for groups on environmental

topics.

**Collaborators:** Internal

**Funding:** Internal

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Isanti **Submitted By (Primary Work Location):** Rabbe, Billeye (Martin County --- Southwest District)

- **Sun Safety (Activity)**

This topic again does not involve any consistent programming, but does warrant a mention. I have used the Derma Scan machine at local health fairs. In 2001 I presented two interactive sessions on sun safety to fifty children at a "Kids R Kool" day camp offered through Monte community education to youth ages 5-12.

**Collaborators:** Unsure if this type of work fits more with Natural Resources and Environment or Family Development - Health & Nutrition.

**Funding:** 0

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Roseau **Submitted By (Primary Work Location):** Croymans, Sara (Chippewa County --- West Central District)

- **Sun Smart (Activity)**

45 minute presentation for 5th graders at Fulda and Murray County Central, 110 participants, May 45 minute presentation for community groups upon request, 20-30 participants, upon request usually during spring or summer Relay for Life, booth with DermaScan machine, over 100 participants, August, County Employee Wellness Screening, DermaScan was used as an awareness tool for employees as part of the overall screening done by Public Health.

**Collaborators:** Fulda and MCC Elementary Schools Community groups American Cancer Society

**Funding:** County Budget - \$50 American Cancer Society contributes to materials cost - \$50

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Lac qui Parle, Lyon, Yellow Medicine **Submitted By (Primary Work Location):** Gengler, Colleen (Murray County --- Southwest District)

- **Sustainable Forestry Incentives Act (Activity)**

Program informing private landowners about the new tax rebate which encourages landowners, with more than 20 acres to be proactive on their property. Requires a management plan.

**Collaborators:** Extension, MFA and grudgingly the DNR

**Funding:** 0

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Le Sueur **Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)

- **Tillage transect survey (Activity)**

County team drives a pre-designed route and stops every 1/2 mile and records residue. Conducted after planting, before first cultivation. Usually takes 2.5 days.

**Collaborators:** Rice SWCD & NRCS

**Funding:** Mileage is paid for by the SWCD.

**Hours/Month:** 30

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Otter Tail **Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)

- **Upper Iowa Watershed Monitoring Project (Activity)**

Tests are conducted at a site near Granger at a spring that feeds directly into the Upper Iowa River. Monitoring has been ongoing for two years and is reported to the Iowa DNR through the IOWATER project. Summer

**Collaborators:** IOWATER Project County Water Coordinator

**Funding:** Iowa DNR for test kits

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Kandiyohi **Submitted By (Primary Work Location):** Tesmer, Jerrold  
(Fillmore County --- Southeast District)

- **Various training (Activity)**  
self and other trainees  
**Collaborators:** Extension-based programs  
**Funding:** NA  
**Hours/Month:** 6  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Rice **Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)
- **Water Testing (Activity)**  
Host and maintain Water testing Equipment for Northwest counties to use  
**Collaborators:** MDA  
**Funding:** MDA covers all Expenses  
**Hours/Month:** 20  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Washington **Submitted By (Primary Work Location):** Nennich, Terrance (Clearwater County --- Northwest District)
- **Water Ways Newsletter (Activity)**  
Water Ways is a newsletter distributed to all Isanti County residents via the free shopper 3 times/year; 17,000 issues. It is also distributed to all members of 3 lake associations. I serve as the editor, and do the lay out. I also write about 1/2 of the articles.  
**Collaborators:** DNR, Isanti County Zoning, Isanti SWCD, Isanti Co. NRCS, Isanti County Public Health.  
**Funding:** Isanti County Water Plan Grant about \$2,000 per year.  
**Hours/Month:** 8  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** **Submitted By (Primary Work Location):** Malmquist, Valerie (Isanti County --- Northeast District)
- **WC Minnesota Dairy Development & Profitability Enhancement Project (Activity)**  
The project objective is designed to help dairymen solve the many challenges facing the dairy industry today. It involves using a small team approach to evaluate and make suggestions in cooperation with the dairy family. This project continues throughout the year.  
**Collaborators:** Primary collaborators involve Extension, feed consultants, bankers, agronomists, farmers and various agri-businesses.  
**Funding:** Funding is provided from a MDA grant.  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Hennepin **Submitted By (Primary Work Location):** Stommes, Robert (Pope County --- West Central District)
- **Web-based educational resources (Activity)**  
Help develop web-based educational resources and coordinate outreach to promote use by local partners and citizens. Lake Access web site ([www.lakeaccess.org](http://www.lakeaccess.org)); Water on the Web ([www.nrri.umn.edu](http://www.nrri.umn.edu)); Shoreland Management web site ([www.shorelandmanagement.org](http://www.shorelandmanagement.org)); statewide  
**Collaborators:** Sea Grant; UMD Education Department; NRRI; Hennepin Parks District; Hennepin Conservation District; Minnehaha Ck WD; lake associations, local partners  
**Funding:** USEPA, NSF - funds awarded to partners Minnesota Legislature - \$100,000  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Geographic Area Served:** Kittson, Marshall, Norman, Pennington, Polk, Red Lake, Roseau **Submitted By (Primary Work Location):** Liukkonen, Barbara (Ramsey County --- Metro District)
- **Weekly Columns (Activity)**  
The number of participants is difficult to identify but many participants have indicated that they look

for the columns and read them each week. The columns are provided throughout the year.

**Collaborators:** Primary collaborators include the U of M Extension Service-Pope County and 10 local newspapers.

**Funding:** Space in the newspaper is provided free of charge.

**Hours/Month:** 7

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Marshall **Submitted By (Primary Work Location):** Stommes, Robert (Pope County --- West Central District)

- **Well Testing (Activity)**

Test 71 wells in Murray County. Hired water sampler and lab completes tests and results are provided to homeowners.

**Collaborators:** Murray County Water Plan, Murray County Economic Development Office and Murray County Extension Office.

**Funding:** Murray County Water Plan pays for the sampling and testing. \$2,500

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Brown, Cottonwood, Jackson, Lincoln, Lyon, Murray, Nicollet, Nobles, Pipestone, Redwood, Rock, Sibley, Watonwan **Submitted By (Primary Work Location):** Bau, David (Murray County --- Southwest District)

- **Youth environmental educational workshops (Activity)**

teach sessions at youth environmental days

**Collaborators:** Ron Struss, Metro Water Festival Doug Malchow, Stearns County Environmental Days

**Funding:** N/A

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Geographic Area Served:** Pine **Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)

### **Section III: Other Community/Organization/Local Relationships**

- **1000 Friends of Minnesota (Relationship)**

Stay connected with potential joint educational efforts around land use changes, land transformation modeling and other local government outreach efforts.

**Importance:** Medium

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)

- **4H Fruit Sale Committee (Relationship)**

Work as an advisor to the 4-H Committee that plans, organizes, etc. the annual 4-H Fruit Sale, which is the major fund raiser for the Todd County 4-H Program. Committee is active Jan-March

**Importance:** High

**Hours/Month:** 6

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Woeste, Marcia (Todd County --- Central District)

- **Arrowhead Water Quality Team / Arrowhead Currents (Relationship)**

Serve as an active member of this multi-agency team to provide water resource information to property owners and decision makers through a variety of educational methods. I also serve on the sub-committee that develops the Arrowhead Currents water quality newsletter (2 issues per year).

**Importance:** High

**Hours/Month:** 4

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Seidel, Wayne (Lake County --- Northeast District)

- **Balsam Bough Partnership (Relationship)**

Help with workshop efforts, working on a Stewardship Grant for special forest products. Educating balsam bough gatherers, buyers on sustainable harvesting and private forest landowners on the possibilities of special forest products.

**Importance:** High

**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)

- **Benton County Water Plan Advisory Committee (Relationship)**

Technical advisor for the water plan committee. No voting privileges. I don't attend every one. The agenda items let me know when I should attend. They provide funding for some of our projects.

**Importance:** Medium

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)

- **Benton County Water Resources Advisory Committee (Relationship)**

I am a voting member on this committee which is advisory to the commissioners and is the managing board for the county water plan efforts. For most of its existence I have served as its secretary because I am available, because I do a good job for the most part, and I have the tools to do it. Some Extension offices find ways to do programs and spend money that comes through this channel. Our SWCD is pretty good at getting the priority tasks done and wisely aims to leverage the resources to support efforts through their office and staff as much as possible. As an EE I do provide information on issues when appropriated and have assisted in planning and conducting some aspects of the work on occasion. There is room to discuss how much of this work is related to the Environment part of AFE or the Environment part of NRE. Their values seem to be more NRE based but farmer hold a major portion of the land area that relates to this work. I see it an an important place to maintain a relationship.

**Importance:** High

**Hours/Month:** 6

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Martens, Daniel (Benton County --- Central District)

- **Big Woods Dairy Advisory Committee (Relationship)**

Meet with group twice a year to review management and outreach activities related to this farm which is part of Nerstrand Big Woods State Park.

**Importance:** Medium

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)

- **Big Woods Project (Relationship)**

Member, conduct workshops, speak at meetings as requested. Attend annual meeting and Christmas party.

**Importance:** Medium

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)

- **Blue Earth River Basin Wastewater Advisory Committee (Relationship)**

University of Minnesota Extension Service Representative

**Importance:** High

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)

- **Board of Water & Soil Resources (Relationship)**

BWSR has approached Extension in the past to assist in facilitation of public discussions about water management plans.

**Importance:** Low

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)

- **Bois-De-Sioux Watershed District** (*Relationship*)  
 Facilitate Citizen Input Meetings, Extension representative on the project team.  
**Importance:** High  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Drewlow, Milan (Traverse County --- West Central District)
- **Cass County Conservation Education Partnership** (*Relationship*)  
 Work projects and grantwriting activities.  
**Importance:** Medium  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Harder, Martha (Cass County --- Central District)
- **Chisago County Waste Water Task Force** (*Relationship*)  
 Developing waste water options for the county. Effectively developing a policy to deal with land application of home sewage.  
**Importance:** High  
**Hours/Month:** 6  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Elmstrand, Rodney (Chisago County --- Northeast District)
- **Chisago County Water Plan** (*Relationship*)  
 Meet monthly with water plan committee. Serve as an advisory committee member.  
**Importance:** High  
**Hours/Month:** 8  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Elmstrand, Rodney (Chisago County --- Northeast District)
- **City Tree Project** (*Relationship*)  
 Serve on the Board of Directors (currently president) for City Tree Project, a community based non-profit organization for remediating brownfield sites in the seven county Metro Area.  
**Importance:** Low  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Weicherding, Patrick (Anoka County --- Metro District)
- **Clean Water Partnership...Watowwan Watershed** (*Relationship*)  
 Developing water quality and best management programs for farmers, landowners and residents in the watershed.  
**Importance:** High  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Wyatt, Gary (Watowwan County --- Southwest District)
- **Comprehensive Local Water Plan** (*Relationship*)  
 Member of the committee to plan and allocate funds to projects, provide in-kind support to projects.  
**Importance:** High  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Drewlow, Milan (Traverse County --- West Central District)
- **County Water Plan Committee** (*Relationship*)  
 \*Serve on the county water plan committee \*Help update the plan, develop a display and report  
 \*Help implement plan  
**Importance:** Medium

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Salmela, Theron (Kanabec County --- Northeast District)

- **County Water Plan Committee (Relationship)**  
Educational program development in the area of water quality.  
**Importance:** High  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Wyatt, Gary (Watonwan County --- Southwest District)
- **Crow River Communities Initiative (Relationship)**  
Assist several communities in public discussions about protecting their locally significant natural resources. Doug Malchow is heading up this initiative from Extension's vantage point.  
**Importance:** Medium  
**Hours/Month:** 8  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)
- **department of Natural resources (Relationship)**  
have good on going relationship with local parks and wildlife staff. WE have had huge success with the summer intern program.  
**Importance:** High  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Rager, Amy (Yellow Medicine County --- West Central District)
- **Dept of Natural Resources (Relationship)**  
Maintain close contact with the Metro Greenways Division staffers who manage a grant program designed to assist cities, townships, counties and watersheds in identifying their locally significant natural resources and devising strategies to protect them.  
**Importance:** Medium  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)
- **DNR, MLA, SWCD, Master Gardeners, Shoreland Volunteers (Relationship)**  
Provide shoreland information to suit local needs across the state.  
**Importance:** High  
**Hours/Month:** 20  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Blickenderfer, Mary (Itasca County --- Northeast District)
- **Envirothon (Relationship)**  
Judged environmental resources presentations from high school students from the region.  
**Importance:** High  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Craig, J. William (Marshall County --- Northwest District)
- **Goodhue County Emergency Operations Center (EOC) (Relationship)**  
I am the agricultural member on the emergency operations center team. Because of the nuclear power plant in our county, we have a sophisticated emergency plan in the event of a nuclear emergency at the plant. The EOC normally conducts one drill per year to go through a simulated event. The team conducts practice drills and is evaluated at least once every two years by the Nuclear Regulatory Agency. In the drills and in the event of actual emergency, my responsibility would be notification of farmers in affected zones of the nature of the emergency, protective actions to take, and work with other agencies (public safety, MDA public health, emergency management, Red Cross, etc) to ensure the safety of the public and integrity of food supplies in the area.

**Importance:** High

**Hours/Month:** 1

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Schwartau, Charles (Goodhue County --- Southeast District)

- **Goodhue County Water Quality Plan Technical Committee (Relationship)**  
I serve as a member of the technical advisory committee for the Goodhue County Water Quality Plan. This plan is developed and operated through the Goodhue County SWCD. I help gather relevant background material for writing the plan, assist with portions of the educational effort prescribed by the plan and evaluate the plan's progress on a regular basis.  
**Importance:** Medium  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Schwartau, Charles (Goodhue County --- Southeast District)
- **Grand Rapids Chamber of Commerce Forestry Affairs Committee (Relationship)**  
Active member on the committee. At this time the group is focused on planning for the national forest. Trying to encourage the forest service to increase its harvesting. The group is also interested in learning about the Demo Forest and other possibilities include a visit to the NCROC.  
**Importance:** High  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)
- **Grand Rapids School Forest Committee (Relationship)**  
Premier forestry education group. Active on the committee which promotes proactive forest management for children. Helping to seek funding opportunities.  
**Importance:** High  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)
- **Hennepin Conservation District (Relationship)**  
Member of screening committee for the Reinvest in Minnesota and Permanent Wetland Protection programs; Member local work group for EQIP and Met Council Backyard Livestock grants. Secure natural resource maps for natural resource planning activities taking place in western Hennepin County.  
**Importance:** High  
**Hours/Month:** 17  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)
- **Isanti County Water Plan Team (Relationship)**  
Serve as a member of the Isanti County Water Plan Team Technical Committee. This group makes the budget for the year, and conducts the educational programs. I am responsible for the 6th Grade Natural Resources Field Day, Storm Drain Stenciling efforts, septic system home owner workshops, private well water testing, educational programs for lake associations and more.  
**Importance:** High  
**Hours/Month:** 20  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Malmquist, Valerie (Isanti County --- Northeast District)
- **ISTS Committee (Relationship)**  
Help develop rules for septic systems in the County  
**Importance:** Medium  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Neubauer, Joseph (McLeod County --- Central District)

- **Itasca Coalition of Lake Associations** (*Relationship*)  
Attend monthly meeting with this active group and supporting their efforts. The last activity was the Itasca Shoreland Owners Guide that went out to the 9000 lakeshore owners in Itasca County with information on rules and regulations to help maintain water quality including, septic information, zoning etc. Also helping with the Jessie Lake Association with outreach efforts. Currently send out (septic systems and shoreland resoration) information to every property owner on Jessie Lake. Very wonderful volunteers. We had a wonderful Lake Fest last year. This year the group is doing more outreach at a community event called the Swap meet.  
**Importance:** High  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)
- **Itasca Private Woodland Committee** (*Relationship*)  
Information, education and outreach to the Woodland Committe creating opportunities for private forest landowners.  
**Importance:** High  
**Hours/Month:** 20  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)
- **Lake County Comprehensive Water Mgmt. Plan** (*Relationship*)  
Serve as the administrator of the plan through my responsibilities with the Lake County SWCD. I also represent Extension for planning purposes and with assistance in conducting the educational outreach efforts.  
**Importance:** High  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Seidel, Wayne (Lake County --- Northeast District)
- **Lake County Demonstration Forest Committee** (*Relationship*)  
Serve as the Co-Chair fo the Lake County Demonstration Forest Committee. We have developed a management plan for a 400+ acre working forest. Our plans are to develop trails for guided and unguided tours, curriculum for school students, conduct demonstrations, and host adult education field days.  
**Importance:** High  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Seidel, Wayne (Lake County --- Northeast District)
- **Lake County Hydrology Committee** (*Relationship*)  
Multi-agency team that evaluates development issues from a land use / resource protection perspective. Opportunities exist to promote public education on these issues.  
**Importance:** High  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Seidel, Wayne (Lake County --- Northeast District)
- **Lake Superior Basin Plan Work Group** (*Relationship*)  
Serve as one of two Lake County representatives on this broad-based planning group. The primary focus is developing a basin-wide water plan for the Lake Superior watershed within Minnesota.  
**Importance:** Medium  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Seidel, Wayne (Lake County --- Northeast District)
- **Martin County Solid Waste Team** (*Relationship*)  
University of Minnesota Representative  
**Importance:** High  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)

- **Martin County Water Plan Board (Relationship)**  
University of Minnesota Extension Service Representative  
**Importance:** High  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)
- **MCC schools (Relationship)**  
Teach Arbor day program to 1st graders, Teach naturalist program to 4th graders. Teach Ag awareness to 4th graders. Judge Science fair.  
**Importance:** Medium  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Bau, David (Murray County --- Southwest District)
- **Metropolitan Council (Relationship)**  
Stay in close touch with staff members working on the natural resource inventory for the seven county metropolitan area and the rural issues task force.  
**Importance:** Medium  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)
- **Migrant Housing Task Force (Relationship)**  
Member. Provide input on assessments, goals, and U of MN resources.  
**Importance:** High  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Gustafson, Judith (Renville County --- West Central District)
- **Minnesota Department of Natural Resources Minnaqua Intern (Relationship)**  
Provide office space and supervision of summer MinnAqua intern  
**Importance:** Medium  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Hjelm, Jonathan (Beltrami County --- Northwest District)
- **Minnesota Dept of Agriculture (Relationship)**  
Stay in close touch with the activities of the Department's planners overseeing the farmland preservation programs and the fiscal impact model, DIAMATR.  
**Importance:** Medium  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)
- **Minnesota Forestry Association (Relationship)**  
Support the efforts and try to promote MFA.  
**Importance:** Medium  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)
- **Minnesota Forestry Association (Relationship)**  
Board Member, Chair Education Committee, Involvement in this group is important to the continued partnership on the Woodland Advisor Program. The Woodland Advisor Program is administered by the MFA and all educational components are handled through extension.  
**Importance:** High

**Hours/Month:** 8

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Reichenbach, Michael (Carlton County --- Northeast District)

- **Minnesota Lake Association (Relationship)**  
Member of Water Quality Committee - provide information and direction on wastewater treatment issues  
**Importance:** High  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Olson, Kenneth (Sherburne County --- Central District)
- **Minnesota Lake Association (Relationship)**  
Member of Water Quality Committee - provide information and direction on wastewater treatment issues  
**Importance:** High  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Olson, Ken (Sherburne County --- Central District)
- **Minnesota Lakes Association (Relationship)**  
Work together to provide lake ecology training for teachers; coordinate joint conference; serve as advisor to the Board of Directors  
**Importance:** High  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Liukkonen, Barbara (Ramsey County --- Metro District)
- **Minnesota Onsite Sewage Treatment Contractors Assn (Relationship)**  
U of M representative to Board of Directors, member of education committee, others as requested/appropriate to education.  
**Importance:** High  
**Hours/Month:** 20  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Olson, Kenneth (Sherburne County --- Central District)
- **Minnesota Onsite Sewage Treatment Contractors Assn (Relationship)**  
U of M representative to Board of Directors, member of education committee, others as requested/appropriate to education.  
**Importance:** High  
**Hours/Month:** 20  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Olson, Ken (Sherburne County --- Central District)
- **Minnesota Shade Tree Advisory Committee (Relationship)**  
Member of MnSTAC which provides direction and guidance for Minnesota's Urban and Community Forestry Program.  
**Importance:** High  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Weicherding, Patrick (Anoka County --- Metro District)
- **MN Association of Soil and Water Conservation Districts (Relationship)**  
We are currently teaching a 14 day leadership development series for 22 participants from across the state. It is held in 2 day sessions at different locations around the state over 18 months. I also average 2 or 3 strategic planning sessions a year for county SWCDs in the SE Extension District.  
**Importance:** High  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Steinberg, Roger (Olmsted County --- Southeast District)

- **MN forestry professional organizations (Relationship)**  
MN Society of American Foresters executive committee, Forester's Fund Chair: Coordinate and support activities of MN SAF. SAF is the national trade organization for forestry. MN Tree Farm Program executive committee. Support the activities of the MN Tree Farm Program. Tree Farm is a national program that provides learning opportunities and assistance in management plan development for private forest landowners.  
**Importance:** Medium  
**Hours/Month:** 9  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Sagor, Eli (Carlton County --- Northeast District)
- **MPCA (Relationship)**  
Work with on-site wastewater staff on educational materials and events.  
**Importance:** High  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Olson, Kenneth (Sherburne County --- Central District)
- **MPCA (Relationship)**  
Work with on-site wastewater staff on educational materials and events.  
**Importance:** High  
**Hours/Month:** 10  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Olson, Ken (Sherburne County --- Central District)
- **Murray County Waterplan (Relationship)**  
Attend quarterly meetings to discuss programs in feedlots and watersheds  
**Importance:** Medium  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Bau, David (Murray County --- Southwest District)
- **Natural Resource Conservation Service (Relationship)**  
Participate in discussions about efforts to reach owners of small parcels about pasture and manure management. Participate in tillage surveys. Coordinate field days and other educational/outreach efforts with the District Conservationist.  
**Importance:** Medium  
**Hours/Month:** 9  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)
- **NE Minnesota Shade Tree Advisory Group (Relationship)**  
Help coordinate annual NE MNSTAC community forest workshop.  
**Importance:** Medium  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)
- **NEMO (Relationship)**  
I serve on the Board of this environmental protection program designed for local elected officials and planning commissions. Many environmentally-oriented agencies are on this board. The unique perspective I am able to provide is an understanding of economic development and local government process / politics. I also represent Washington County on this group and have linked the program to local communities including Hugo, Woodbury and Birchwood. The Extension Committee identified water quality as a high program priority.  
**Importance:** High  
**Hours/Month:** 3

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Templin, Elizabeth (Washington County --- Metro District)

- **Nobles County Environmental Advisory Committee (Relationship)**  
Serve as a member, provide input and serve as a resource.  
**Importance:** Medium  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Jacobs, Joyce (Nobles County --- Southwest District)
- **Northern Minnesota Forage & Turf Seed Advisory Committee (Relationship)**  
Work with the board to plan, set up and conduct research programs at the U M Magnusson Farm at Roseau and on farmers fields. I also help plan and conduct the annual Grasss Seed Institute educational day and reporting session as well as help plan and conduct the annual tour of the research plots and well as help obtain grant money and university funds to keep the research going.  
**Importance:** High  
**Hours/Month:** 16  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Nyegaard, Curtis (Roseau County --- Northwest District)
- **Office of Environmental Assistance (Relationship)**  
Important to maintain active contact with this agency since they provide small grants for community based environmental projects and occassionally convene discussion groups about environmental sustainability.  
**Importance:** Medium  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Wegner, Thomas (Hennepin County --- Metro District)
- **Pesticide Collection (Relationship)**  
Publicity, acquiring safety equipment for the workers, cooperate with Larry Zupke, Combined Services to line up and worked at the event. Dept. of Ag is the administering agency. This event is held every other year.  
**Importance:** Medium  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Gustafson, Judith (Renville County --- West Central District)
- **Pesticide Container Collection (Relationship)**  
Annual event. I handled the publicity, letters to cooperative and fertilizer suppliers, lined up volunteers to work, ordered lunch, and worked at the event.  
**Importance:** Low  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Gustafson, Judith (Renville County --- West Central District)
- **Pesticide Education, Examination and Review Board for MDA (Relationship)**  
Board Member  
**Importance:** Medium  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Rabbe, Billeye (Martin County --- Southwest District)
- **PICK'M Water Plan committee (Relationship)**  
Meet with PICK'M Water Plan committee every two to three months to review programming, plan joint educational efforts and to implement the joint plans of the counties  
**Importance:** Low

**Hours/Month:** 2

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Salmela, Theron (Kanabec County --- Northeast District)

- **PICKM Water Plan Team (Relationship)**  
a coalition of Water Plan teams from the PICKM Counties. It includes zoning, Public Health, Extension, DNR, SWCD, NRCS, BWSR and other organizations. The group meets every other month to share resources, plan joint programs, discuss common problems. This group conducts bi-annual workshops for the lake & stream monitors in the PICKM area.  
**Importance:** High  
**Hours/Month:** 8  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Malmquist, Valerie (Isanti County --- Northeast District)
- **Prairie Ecology Bus Center (Relationship)**  
Environmental Learning Center - serve on the board - provide connection to the University resources, environmental programming, and advise and contribute to the direction of the learning center and programming.  
**Importance:** Low  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Harries, Kia (Jackson County --- Southwest District)
- **Renville County Safety Committee (Relationship)**  
Secretary for committee so minutes are recorded, typed and duplicated for committee members. Maintain safety manual which documents safety activities for OSHA guidelines. Follow-up on assigned duties and decided at each meeting. Meet every other month.  
**Importance:** Medium  
**Hours/Month:** 3  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Gustafson, Judith (Renville County --- West Central District)
- **Renville County Water Planning Board (Relationship)**  
A task force member. Attend quarterly meetings, provide input from Extension perspective, implement goals into Extension programming.  
**Importance:** Medium  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Gustafson, Judith (Renville County --- West Central District)
- **Rice County Forestry Committee (Relationship)**  
Attend semi-annual meetings. Give program input usually planning co-sponsorship of events, workshops and field trips.  
**Importance:** Medium  
**Hours/Month:** 0  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)
- **School Farm Advisory Committee (Relationship)**  
Committee member  
**Importance:** Low  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Montgomery, Kent (Crow Wing County --- Central District)
- **SE Environmental Connections Network (Relationship)**  
This organization of nature centers, environmental education teachers, DNR and MPCA staff is a cosponsor of the Sustainable Communities Project.

**Importance:** High  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Steinberg, Roger (Olmsted County --- Southeast District)

- **SE Experiment in Rural Cooperation (Relationship)**  
The Sustainable Communities Project  
**Importance:** High  
**Hours/Month:** 15  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Steinberg, Roger (Olmsted County --- Southeast District)
- **Sherburne County Rural Living Task Force (Relationship)**  
This task force is comprised of staff from Zoning, Solid Waste, SWCD, NRCS and the water planner. We have been meeting for two year to develop programs and projects that meet the needs of the county such as educational workshops, factsheets, field days and review of plats.  
**Importance:** High  
**Hours/Month:** 6  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)
- **Sherburne County Solid Waste Management Advisory Committee (Relationship)**  
Technical Advisor. This is a great committee. Very forward thinking. They fund some of our Master Gardener Projects.  
**Importance:** Medium  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)
- **Sherburne County Water Plan Advisory Committee (Relationship)**  
I am a technical advisor on this water plan, no voting priveledges. I attend when my schedule allows (nearly every time). They provide funding for some of our projects.  
**Importance:** High  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)
- **Soil & Water Conservation District (Relationship)**  
Presented information on sanitary landfills for the 6th graders in Pennington and Eastern Marshall Counties. Approximately 200 in attendance for the Conservation Day.  
**Importance:** High  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Craig, J. William (Marshall County --- Northwest District)
- **Solid Waste Management Advisy Committee to Office of Environmental Assistance (Relationship)**  
Board Member  
**Importance:** High  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Rabbe, Billeye (Martin County --- Southwest District)
- **SROC Drainage Advisory Committee (Relationship)**  
Provide input for drainage research and outreach activities. Provide evaluation for Lowell Bussman.  
**Importance:** Medium  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment

**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)

- **State of Minnesota - Feedlot and Manure Management Advisory Committee (Relationship)**  
Extension Field Staff representative on this state wide policy committee. Attend bi-monthly meetings and give input on issues related to Feedlot and Manure Management.  
**Importance:** High  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Carlson, Bradley (Rice County --- Southeast District)
- **Stearns County Water Plan Advisory Committee (Relationship)**  
The by-laws of this committee state that there must be an Extension Representative on the committee. I am that person for Stearns. I attend all meetings, have voting priveledges and was Vice Chair last year. They provide funding and direction for programs.  
**Importance:** High  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)
- **Tree Farm (Relationship)**  
Active on the tree farm committee helping with outreach efforts to private landowners. Helping set up a portion of the annual Tree Farm meeting held in conjunction wiht the North Star Expo in Grand Rapids.  
**Importance:** Medium  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Miedtke, Julie (Itasca County --- Northeast District)
- **Two HarborsTree Commission (Relationship)**  
Serve as a member of the Two Harbors Tree Commission. We have received a \$57,000 grant to develop an urban forest management plan, hire a youth work crew, purchase equipment, and provide training for city staff.  
**Importance:** High  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Seidel, Wayne (Lake County --- Northeast District)
- **UMD MEd Program (Relationship)**  
Supervise a graduate intern  
**Importance:** Medium  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)
- **UMD MEd Program (Relationship)**  
Serve on graduate student review board  
**Importance:** Medium  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)
- **University of Minnesota-Duluth Environmental Studies Board (Relationship)**  
Board member--advise and evaluate program  
**Importance:** Medium  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Beery, Thomas (St. Louis County --- Northeast District)
- **Upper Sioux Community (Relationship)**  
i work with the youth coordinator to help provide youth and environmental programming

**Importance:** High  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Rager, Amy (Yellow Medicine County --- West Central District)

- **Waste Pesticide Container Collection (Relationship)**  
Collecting empty pesticide containers to be recycled. This has been a two day activity in the past with about another 10 hours spent organizing, getting workers, etc.  
**Importance:** Medium  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Haugaard, N. Craig (Swift County --- West Central District)
- **Water Plan Board (Relationship)**  
Attend board meetings (Bill and I alternate); our office handles drinking water testing kits and I send results to participants. Follow up on problems.  
**Importance:** High  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Fruechte, Naomi (Houston County --- Southeast District)
- **Water Planning Committee (Relationship)**  
-Provide input to discussions -Find appropriate research -Link them to resources from the U of M  
-Identify educational needs and provide workshops/programs based on them  
**Importance:** Medium  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Krause, Gene (Lake of the Woods County --- Northwest District)
- **Water Planning TaskkForce (Relationship)**  
Committee member, work with committee to develop 5 year plan, provide in-put on Extension Resources, work on portential educational projects.  
**Importance:** Medium  
**Hours/Month:** 2  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Pitt, Jeanette (Aitkin County --- Northeast District)
- **Water Quality Leadership Team (Relationship)**  
Represent Outstate Extension Educators on this board  
**Importance:** High  
**Hours/Month:** 1  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Rabbe, Billee (Martin County --- Southwest District)
- **Water Quality Team (Relationship)**  
Review and implement water plan.  
**Importance:** High  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Neubauer, Joseph (McLeod County --- Central District)
- **Watershed Committees (Relationship)**  
Committee member for 3 watersheds: Bois de Sioux, Trappers Run, and Chippewa. HElp determine watershed problems and identify howw to solve problems, and determine needed educational activities for each watershed.  
**Importance:** Medium  
**Hours/Month:** 10

**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** DeJong-Hughes, Jodi (Stevens County --- West Central District)

- **West Central Forage Council (Relationship)**  
Responsible for organizational activities and educational programs. The events include the annual West Central Forage Day which provides educational updates on the latest research and information on forages and forage management. In addition to the annual West Central Forage Day, a summer field day is held which includes on farm demonstrations in addition to forage updates. Responsibilities include promotion, delivery, identifying speakers and evaluation.  
**Importance:** High  
**Hours/Month:** 5  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Stommes, Robert (Pope County --- West Central District)

- **Wright County Water Plan Advisory Committee (Relationship)**  
I am a technical advisor - no voting priveledges. This committee is important because it is really struggling to get off the ground. I attend all the meetings and as well as provide guidance to the water planner and committee members individually. They provide funding for some of our projects.  
**Importance:** High  
**Hours/Month:** 4  
**Recommended Capacity Area as of 7/1/2002:** Natural Resources and Environment  
**Submitted By (Primary Work Location):** Klocker, Julie (Sherburne County --- Central District)