



Minnesota River Weekly Update

August 6th, 2013

Minnesota State Mankato and Zumbro & Friends announce Zumbro River Flood Mitigation Study about to be completed

The Zumbro River Flood Mitigation study is an effort to model the Zumbro River and its tributaries, providing an evaluation tool regarding potential features of flood protection for the communities along the Zumbro River that were affected in the 2010 flood or previous events. This model will assist communities in examining options for flood protection features to limit the effects of future flooding events. The study is scheduled to be completed in mid-August and will be shared with community members, landowners and other stakeholders in a series of townhall meetings beginning in late August/early September. Presentation of the model and several initial placement options of potential flood protection measures will take place during the meetings with input being solicited during an open discussion period. The goals for the flood protection measures are to increase regional flood resiliency and to meet the needs of the communities along the Zumbro River. The public is encouraged to attend the townhall meetings - more information will be available when details have been finalized. Questions may be directed to Dr. Stephen Druschel, Civil Engineering Department, (507) 389-2115 or stephen.druschel@mnsu.edu or John Homme, Chairman of Zumbro & Friends, (507) 206-0177 or john@hommegroup.com.

For more information visit www.zumbrowatershed.org

MPCA/MSCA meetings in August will focus on permits for large feedlots

The MPCA and MSCA will host five information meetings around the state for cattlemen and women looking to expand their livestock operations. The meetings will focus on how a producer can obtain a National Pollution Discharge Elimination System/State Disposal System (NPDES/SDS) permit for a feedlot with 1,000 or more animal units. The meetings will provide producers with the opportunity to meet the MPCA staff and feedlot program engineers working in their region as well as delegated county feedlot officers. They will also afford an opportunity for producers to get practical information on the NPDES/SDS permit process, including application requirements and tips for navigating the process smoothly. Meetings are scheduled for:

August 12th, 2013 @ 10:00 a.m. - Kandiyohi County Government Services Building, 2200 23rd St. N., Willmar

August 14th, 2013 @ 1:00 p.m. - Lyon County Courthouse, 607 W. Main St., Marshall

August 15th, 2013 @ 1:00 p.m. - MPCA Detroit Lakes office, 714 Lake Ave. Detroit Lakes

August 21st, 2013 @ 1:00 p.m. - MPCA Brainerd office, 7678 College Road, Baxter

August 22nd, 2013 @ 1:00 p.m. - MPCA Rochester office, 18 Wood Lake Drive, S.E. Rochester

To register for the meetings visit the [MSCA website](#) or call Joe Martin, MSCA executive director at (612) 208-6722

Yellow Medicine plans combined annual meeting, civic engagement event

The Yellow Medicine River Watershed District board of managers and staff have scheduled a civic engagement events in collaboration with our annual advisory committee hearing. The combined hearing and event are schedule for August 22nd, 2013 at 3:00 p.m. at the Taunton Senior Center in Taunton. The civic engagement objective is part of the Watershed Restoration and Protection project through MPCA. It will be facilitated by Toby Spanier and Barb Radtke, UM Extension staff. They will be assisting in the design and creation of an agenda and plan for the civic engagement event.

For more information visit <http://www.ymrwd.org/index.htm>

Explore Minnesota water at the EcoExperience

At this year's Minnesota State Fair, take the plunge at the Eco Experience and learn all about the lakes, rivers, drinking water, and groundwater that make our state great. New this year, a 200-square-foot map will feature a satellite view of the Ramsey-Washington Metro Watershed District, with imagery so detailed that visitors will be able to find their own houses and kids can locate places in the watershed where residents are working to improve water quality. Find out which watershed you live in and learn how to protect local lakes and streams from the comfort of your own backyard. Many of us never stop to think about where our drinking water comes from. A Minnesota Department of Health exhibit will explain why public drinking water in Minnesota is safe and healthy, and how people with private wells can ensure the quality of their water supply.

For more information visit the [MPCA Press Release](#)

Articles

[Raise your own bees through a University of Minnesota program](#)

Steve Hoffman, August 1st, StarTribune

Through a University of Minnesota program, novice beekeepers receive training and education - and, not so incidentally, improve conditions for the health of bees nationwide.

[State wetlands losing out to farms](#)

Josephine Marcotty, August 2nd, StarTribune

Conservationists say high food prices, crop insurance policies are driving land transformation.

[From almost gone to growing fast, the plague of Canada geese](#)

Doug Smith, August 2nd, StarTribune

[Utility to meet Minnesota Renewable law 10 years early](#)

Ken Paulman, August 2nd, Midwest Energy News

WIND: A Minnesota utility plans to add another 200 MW of wind capacity, meeting the state's renewable energy mandate ten years early.

[Minneapolis utility takeover: Unions and businesses join forces against energy activists](#)

Karen Boros, August 2nd, MinnPost

Unions and business community joined forces Thursday to tell members of the Minneapolis City Council that they think it's a bad idea for the city to take over the gas and electric utilities.

[Dave Orrick: Perspectives on bear researcher Lynn Rogers](#)

Dave Orrick, August 3rd, Pioneer Press

There are no shortage of opinions on embattled

Once nearly extinct, the growing Canada goose population can be a nuisance for metro residents and farmers, whose crops are at risk.

[At Sherburne refuge, Herefords help with upkeep](#)

Ann Wessel, August 3rd, MPRNews

ZIMMERMAN, Minn. (AP) -- Hybridized cattails homogenize waterfowl habitat. Invading shrubs overtake once-open oak savannas.

[As oil industry grows, Minnesotans say pipeline operators have been bad neighbors](#)

Trisha Marczak, August 5th, Truthout

Less than a month after the Minnesota Public Utilities Commission gave Enbridge Inc. the nod to increase the capacity of its Minnesota tar sands pipeline, the Canadian company settled a federal lawsuit over 15 permit violations and oil spills in the state.

[After more reports of coyote attacks, DNR says to supervise pets](#)

Caitlin Burgess, August 5th, St. Louis Park Patch

This is a familiar story to some St. Louis Park residents, as a few pets have been reportedly attacked or ultimately killed over the past couple years.

Ely bear researcher Lynn Rogers. Three conversations I've had in the past week --with a mother of a student who watched Rogers' bears in class, a national bear-safety advocate and a retired St. Paul zookeeper -- offered a range of perspectives on Rogers and his work.

[Ag Dept. seeks input on cutting nitrate levels in well water](#)

Mark Steil, August 3rd, MPRNews

WORTHINGTON, Minn. - The MDA is asking for public comment on a plan to reduce unsafe nitrate levels in drinking water. Much of the nitrate load comes from agricultural fertilizers.

[New Ag water quality certification program featured at Farmfest](#)

August 5th, Minnesota Farm Guide

ST. PAUL, Minn. - The MDA and the new Minnesota Agricultural Water Quality Certification program will be featured at Farmfest, August 6-8, 2013 at Gilfillan Estate, Redwood County, MN. The Ag Water Quality Certification Program is a voluntary program that will certify farmers who implement and maintain approved conservation practices and in turn will assure them that their operation meets the state's water quality standards for a period of 10 years.

[Climate change demands urgent response](#)

Commentary, August 5th, StarTribune

As former EPA chiefs, we see Obama's plan as facing scientific and political reality.

Events

**Aug. 5th -
Aug. 11th**

Summer Institute on Minnesota's Changing Climate

Tuesday, August 6th – Wednesday, August 7th, 2013

Location: Fort Snelling State Park, Saint Paul, MN

Brief Description: Dive into the classroom and outdoor components of the Will Steger Foundation's [Minnesota's Changing Climate](#) (MCC) curriculum. Program includes:

A deep introduction to climate science and the impacts of climate change in Minnesota for teachers of grades 3-12

Paddling with professional park rangers, naturalists and Wilderness Inquiry guides on the serene Mississippi River

Hands-on phenology training and weather station activities in the park (and more!).

For more information or to sign-up visit <http://willstegerfoundation.org/summer-institute/summer-institutes-2013/2013-minnesotas-changing-cimate>

IDEAg Farmfest

Tuesday, August 6th - Thursday, August 8th, 2013

Location: Gilfillan Estate in Redwood County, MN
Brief Description: In its third decade, the IDEAg Farmfest continues to connect industry leading manufacturers/providers with decision making producers.
Farmfest is one of the largest agricultural events in the world and it brings the best products and services to an audience that is drawn from every Minnesota county and has many visitors from five neighboring states.

For more information and to register visit <http://www.ideagroup.com/farmfest>

Goodhue County Fair

Tuesday, August 6th - Sunday, August 11th, 2013

Location: Zumbrota, MN

For more information and list of events visit [Goodhue County Fair](#)

Mower County Free Fair

Tuesday, August 6th - Sunday, August 11th, 2013

Location: Austin, MN

For more information and list of events visit [Mower County Fairgrounds](#)

Kandiyohi County Fair

Wednesday, August 7th - Sunday, August 11th, 2013

Location: Willmar, MN

For more information and list of events visit [Kandiyohi's County Fair Schedule](#)

Becker County Fair

Wednesday, August 7th - Sunday, August 11th, 2013

Location: Detroit Lakes, MN

For more information and list of events visit [Becker County Fair](#)

Brown County Free Fair

Wednesday, August 7th - Sunday, August 11th, 2013

Location: New Ulm, MN

For more information and list of events visit [Brown County Fair 2013 Schedule](#)

Carver County Fair

Wednesday, August 7th - Sunday, August 11th, 2013

Location: Waconia, MN

For more information and list of events visit [Carver County Fair's](#) website

Nicollet County Fair

Wednesday, August 7th - Sunday, August 11th, 2013

Location: St. Peter, MN

For more information and list of events visit [Nicollet County Fair's](#) website

127th Annual Pope County Fair

Wednesday, August 7th - Sunday, August 11th, 2013

Location: Glenwood, MN
For more information and list of events visit [Pope County Fair's](#) website

Stevens County Fair

Wednesday, August 7th - Sunday, August 11th, 2013

Location: Morris, MN
For more information and list of events visit [Stevens County Fair's](#) website

Nobles County Fair

Thursday, August 8th - Sunday, August 11th, 2013

Location: Worthington, MN
For more information and list of events visit [Nobles County Fair's](#) website

Rain Garden Bus Tour

Thursday, August 8th, 2013

Location: Bus leaves Heron Lake Community Center @ 9:30 a.m.
Brief Description: The Heron Lake Watershed District (HLWD) is sponsoring a one-day excursion on the Prairie Ecology Bus to learn about and construct rain gardens in the city of Fulda. The bus will leave the Heron Lake Community Center at 9:30 a.m. and meet additional participants in Fulda at 10:00 a.m. at Seven Mile Park.

Advance registration for adults and children 8 and older can be made with the Prairie Ecology Bus Center at (507) 662-5064 or marilyn@ecologybus.org

Geocaching 101

Friday, August 9th, 2013 @ 4:00 p.m.

Location: Flandrau State Park, New Ulm
Brief Description: Join the naturalist for this high tech treasure hunt and learn the basics of this new worldwide recreational sport. GPS units are provided. There will be chance to test your GPS skill on a critter activity before going out to find the park geocache. Limit of 20 people (must be 8 years of age and children must be accompanied by adult). Please sign up at the park office (prior reservation required). Meet at the picnic area on the campground side.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

CCC/WPA Historical Tour

Friday, August 9th, 2013 @ 7:30 p.m.

Location: Flandrau State Park
Brief Description: We will take a walking tour to learn how the impact of the 1930's Great Depression still resonates at Flandrau State Park. To put people back to work President Roosevelt created programs like the Civilian Conservation Corps (CCC) through his groundbreaking New Deal. Young men formed into companies were put to work building structures found at Flandrau and many other Minnesota state parks. Many of these are still being used today by park visitors. Meet at the playground at the Day Use Area near the swimming pond.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

Game Fair

Friday, August 9th - Sunday, August 11th, 2013 and Friday, August 16th - Sunday, August 18th, 2013

Location: Ramsey, MN

Brief Description: Game fair is a sporting event for the entire family. Held in the out-of-doors on 80 beautiful acres of wood and water. Game Fair has everything you need to celebrate the outdoors.

Game Fair 2013 will feature many favorite activities from years past as well as new exhibits, renovated grounds and new dog events.

You are invited to attend Game Fair 2013 will feature many favorite activities from a variety of expert sportsmen and sportswomen. Special exhibits include: archery, decoys, duck boats, art, dogs, dog accessories, taxidermy and all the latest in hunting equipment for the outdoor enthusiast.

For more information visit <http://www.gamefair.com/>

8th Annual Minnesota Garlic Festival

Saturday, August 10th, 2013 @ 10:00 a.m. - 6:00 p.m.

Location: McLeod County Fairgrounds, 840 Century Ave., Hutchinson, MN

Brief Description: Minnesota Garlic Festival is the premier event for lovers of garlic, great local foods and good times! Family friendly, fun filled and fragrant, this festival features fantastic foods, celebrity chefs, marvelous music, area artisans, goody games, and lots of GARLIC - all in support of a healthy environment, sustainable farms and vital rural communities in Minnesota.

Entrance fee for adults is \$5; kids under 12 are \$3; babies are free. \$1 parking per vehicle

For more information visit <http://www.sfa-mn.org/garlicfest/> or contact Jerry Ford at jerry@sfa-mn.org

Nature Hike

Saturday, August 10th, 2013 @ 1:00 p.m.

Location: Minneopa State Park

Brief Description: There are many cool places to go exploring at Minneopa State Park. On this walk we will start out at the picnic area on the campground side and head down into the Minneopa Creek Valley ending up at the confluence with the Minnesota River. Along the way we will stop to talk about some of the plants, wildlife, trees and geology of this area. A hike is a great way to experience the natural world around us and hear the sounds of bird chirping, water flowing over rocks and the wind blowing through the leaves. The total distance is around 2 miles and it will take us around an hour and a half. Be prepared for some steep and rough terrain. Meet at the picnic area on the campground side of the park.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

WPA Historical Tour

Saturday, August 10th, 2013 @ 5:00 p.m.

Location: Minneopa State Park

Brief Description: We will take a walking tour to learn how the impact of the 1930's Great Depression still resonates at Minneopa State Park. To put people back to work President Roosevelt created programs like the Works Progress Administration (WPA) through his groundbreaking New Deal. Young men formed into companies were put to work building structure found at Minneopa and many other Minnesota state parks. Many of these features are still being used

today by park visitors. Please meet at the parking lot at the falls area.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

Snakes of the MN River Valley

Saturday, August 10th, 2013 @ 7:00 p.m.

Location: Minneopa State Park

Brief Description: Tom Jenson (TJ) has been picking up and examining all sorts of squirming creatures since the age of ten. As an expert on snakes, TJ will show and talk about some of the different species found in the area including the Garter Snake, Fox Snake, Milk Snake, Blue Racers, Brown Snake, and the Redbelly Snake. TJ believes there is no reason to be afraid of snakes and he will show you why! Meet at the picnic area on the campground side of Minneopa State Park.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

Paddling the MN River Watershed: Minnesota River Trip in Renville County

Saturday, August 10th, 2013 @ 9:00 a.m.

Location: Skalbakken County Park in Renville County

Brief Description: A sack lunch will be provided. Bring a hat, sunglasses, sunscreen and bug spray and layer your clothes. You might want to wear shoes that can get wet.

For more information and to register visit <http://www.cureriver.org/calendar/category/programs/> or call CURE at 1(877) 269-2873

Girls Rule—Fishing with Diana: Kinney Landing

Saturday, August 10th, 2013 @ 8:00 a.m.—11:00 a.m.

Location: Kinney Landing off of Highway 67 along the Minnesota River

Brief Description: An opportunity to learn the basics of river fishing from tying and baiting your own hook, casting and basic fish identification. Participants should bring a water bottle, bug spray, sunglasses, sturdy shoes that may get wet. CURE has a few rods available for use...be sure to let us know that you need one when you register.

For more information and to register visit <http://www.cureriver.org/calendar/category/programs/> or call CURE at 1 (877) 269-2873

Paddling the MN River Watershed: New Ulm Area Minnesota River Day Trip

Sunday, August 11th, 2013 @ 9:00 a.m.

Location: Riverside Park in New Ulm

Brief Description: A sack lunch will be provided. Bring a hat, sunglasses, sunscreen and bug spray and layer your clothes. You might want to wear shoes that can get wet.

For more information and to register visit <http://www.cureriver.org/calendar/category/programs/> or call CURE at 1 (877) 269-2873

Best of the Wurst

Sunday, August 11th, 2013 @ 1:00 - 4:00 p.m.

Location: Harkin Store

Brief Description: The Harkin Store will have old time music by the "Best of the Wurst" band. Marv and Vern and Garfield will play a variety of old time tunes. Come bring a lawn chair or blanket or enjoy the porch for the afternoon.

For more information contact the Nicollet County Historical Society (507) 934-2160 or (507) 354-8666

**Aug. 12th -
Aug. 18th**

Martin County Fair

Monday, August 12th - Sunday, August 18th, 2013

Location: Fairmont, MN

For more information and list of events visit [Martin County Fair's](#) website

Middle Fork Crow open house

Tuesday, August 13th, 2013 @ 3:00 p.m.

Location: New building located south of Green Lake at 189 County Road 8, across from the Spicer DNR building

Brief Description: The Middle Fork Crow River Watershed District will be showing off its new building at their annual open house. The open house will be from 3:00 p.m. - 7:00 p.m., hosted by board members and staff: Margaret Johnson, administrator; Vanessa Glieden Henjum, watershed technician; Mike Behan, hydrologic technician.

For more information contact the office at (320) 796-0888

Murray County Fair

Tuesday, August 13th - Sunday, August 18th, 2013

Location: Slayton, MN

For more information and list of events visit [Murray County Fair's](#) website

Steele County Fair

Tuesday, August 13th - Sunday, August 18th, 2013

Location: Owatonna, MN

For more information and list of events visit [Steele County Fair's](#) website

Small scale CSA Management

Wednesday, August 14th, 2013 @ 5:30 p.m. - 7:30 p.m.

Location: Alternative Roots Farm, 11197 130th St., Madelia, MN

Brief Description: John and Brooke Knisley own and operate Alternative Roots Farm where they offer CSA and farm shares. They specialize in heirloom vegetable production on their 4 acre farm and also have a fruit orchard. The Knisleys will be sharing information on their CSA production/harvesting/post-harvesting handling, using cover crops, raising small grains and flint corn, their native prairie buffer, and the orchard. All who are interested are welcome to attend this outdoor event.

For more information contact Jill Sackett at (507) 238-5449

Geocaching in the Park

Wednesday, August 14th, 2013 @ 6:00 p.m. - 8:00 p.m.

Location: Hyland Lake Park Reserve, Bloomington

Brief Description: Have you heard about geocaching but haven't had a chance to try it? Geocaching is a family-friendly outdoor treasure hunt, where you use a GPS unit to find hidden surprises (caches). GPS units and instructions will be provided by Three Rivers Park District. All are welcome!

For more information or to register contact Erica (952) 358-2276 or at

esniegowski@ninemilecreek.org

Tri-County Fair

Wednesday, August 14th, 2013

Location: Mankato

For more information contact George Leary (507) 389-8381

Renville County Fair

Wednesday, August 14th - Sunday, August 18th, 2013

Location: Bird Island

For more information and list of events visit [Renville County Fair's](#) website

McLeod County Fair

Wednesday, August 14th - Sunday, August 18th, 2013

Location: Hutchinson, MN

For more information and list of events visit [McLeod County Fair's](#) website

Swift County Fair

Wednesday, August 14th - Sunday, August 18th, 2013

Location: Appleton, MN

For more information and list of events visit [Swift County Fair's](#) website

From soil to oil - What's the buzz?

Thursday, August 15th, 2013 @ 9:30 a.m. - 1:00 p.m.

Location: North Central Soil Conservation Research Lab, Morris, MN

Brief Description: The field day will begin at the Soil Lab then buses will take attendees to Swan Lake Research Farm just north of Morris. There attendees will learn about research being conducted on pollinators, oil seed plant species, and cover crops.

For more information contact Nancy Barbour at (320) 589-3411 ext.163 or at nancy.barbour@ars.usda.gov

The Real Lizard People: Skinks in the MN River Valley

Thursday, August 15th, 2013 @ 9:00 a.m.—12:00 p.m.

Location: Swede's Forest SNA

Brief Description: A chance to see a species of special concern in Minnesota, the five-lined skink (also known as Blue Devils) and to learn more about why clearing red juniper from granite outcrops helps the small, fast lizards. We'll also see some interesting historical small-scale quarry remains, cactus and other interesting flora.

Wear sturdy shoes suitable for hiking, bring water, insect repellent and sunscreen.

Binoculars if you have them. Meet at the Main office parking lot, Upper Sioux Agency State Park for a car pool to the SNA (limited rough parking at the site).

For more information and to register visit

<http://www.cureriver.org/calendar/category/programs/> or call CURE at 1(877) 269-2873

Douglas County Fair

Thursday, August 15th - Sunday, August 18th, 2013

Location: Alexandria, MN

For more information and list of events visit [Douglas County Fair's](#) website

Le Sueur County Fair

Thursday, August 15th - Sunday, August 18th, 2013

Location: Le Center

For more information and list of events visit Le [Sueur County Fair's](#) website

Archery in the Park

Friday, August 16th, 2013 @ 3:00 p.m.

Location: Fort Ridgely State Park

Brief Description: The sport of shooting arrows has been around for thousands of years, First we did it as a way to hunt animals and later as a way to compete against others. Archery is an activity that people from all walks of life and almost every size and ability can participate and have fun. This program covers the basics of archery including safety, proper care of the equipment and how to shoot an arrow. Participants will be able to practice their new skills on a number of different targets including a white-tail deer and wild turkey. Please meet at the Creek Picnic Area.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

What lives in the river; macroinvertebrates

Friday, August 16th, 2013 @ 7:00 p.m.

Location: Fort Ridgely State Park

Brief Description: What in the world is a macroinvertebrate?

Macroinvertebrates are aquatic bugs that we can see with our eye, have no backbone, and live in our rivers, lakes and wetlands. Discover how these aquatic bugs are special and where to find them. We will collect macroinvertebrates from Minneopa Creek and identify each of them using a simple identification key. Please meet at the parking lot of the Creek Picnic Area.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

Causes of the U.S.-Dakota War and Battlefield Tour

Saturday, August 17th, 2013 and August 18th, 2013 @ 1:00 p.m. (program) and 2:30 p.m. (battlefield tour)

Location: Fort Ridgely

Brief Description: The causes of the USDA/Dakota War in 1862 were many and complicated. Independent Historian John LaBatte will examine why some Dakota Indians wanted war while others opposed war. At least 9 of John's Dakota and white ancestors were involved in the US/Dakota War in 1862. Historic Fort Ridgely is recognized by the National Park Service as a National Battlefield and is

listed twice on the National Register of Historic Places. \$5 admissions

For more information contact Nicollet County Historical Society at (507) 934-2160

Teddy Bear Picnic on Cox House Lawn

Saturday, August 17th, 2013 @ 11:00 a.m. - 1:00 p.m.

Location: E. St. Julien Cox House

Brief Description: The teddy bears are having a picnic! The Nicollet Historical Society is hosting a Teddy Bear Picnic on the lawn of historic Cox House. Bring a blanket (we'll have some extras) and your favorite teddy bear to the Cox House lawn for a fun time. Kids aged 2 and 7 will enjoy hearing a teddy bear story, crafts and a lunch fit for a bear! Space is limited and reservations required. Don't let your teddy bear miss it! \$12 for one child + adult, additional child may attend for \$8.

For more information and to RSVP contact Susan Carlin at (507) 382-5162 or at sdgcarlin@gmail.com

What lives in the river; fish

Saturday, August 17th, 2013 @ 7:00 p.m.

Location: Minneopa State Park

Brief Description: How well is the fishery in the Minnesota River Basin doing? Join us for a look at how the river's fishery has improved from the days of the 1950s when biologists found more peas and carrots floating in the river than fish. In this presentation, visitors will discover some of the more interesting fish that live in the Minnesota River and what is behind this improvement in both numbers and species diversity. There will also be some fun activities for children of all ages. Meet at the picnic area on the campground side.

For more information contact Scott Kudelka (507) 382-8890 or at scott.kudelka@state.mn.us

Archery in the Park

Saturday, August 17th, 2013 @ 3:00 p.m.

Location: Minneopa State Park

Brief Description: The sport of shooting arrows has been around for thousands of years, First we did it as a way to hunt animals and later as a way to compete against others. Archery is an activity that people from all walks of life and almost every size and ability can participate and have fun. This program covers the basics of archery including safety, proper care of the equipment and how to shoot an arrow. Participants will be able to practice their new skills on a number of different targets including a white-tail deer and wild turkey. Please meet at the picnic area on the campground side.

For more information contact Scott Kudelka (507) 384-8890 or at

scott.kudelka@state.mn.us

Dragonflies

Saturday, August 17th, 2013 @ 1:00 p.m.

Location: Minneopa State Park

Brief Description: A normal Minnesota summer can be filled with the sounds of buzzing mosquitoes, these annoying bugs that can ruin the fun of being outdoors. The sight of dragonflies swooping through the air is a welcome one because they eat our pesky mosquitoes. We will talk about how these insects have been around a long, long, long time and the typical dragonfly lifecycle. To find some of the dragonflies living in the park there will be a hike around the wetlands to see if we can capture some with the use of nets. Meet at the picnic area on the campground side of Minneopa State Park.

For more information contact Scott Kudelka (507) 384-8890 or at

scott.kudelka@state.mn.us

Dakota 38 film screening and discussion

Sunday, August 18th, 2013 @ 2:00 p.m.

Location: Treaty Site History Center

Brief Description: The Treaty Site History Center will host a free screening of the documentary "Dakota 38." All are welcome for this very special event. After the film, there will be a discussion with Franky Jackson, the Director of the Renville County Historical Society and Museum, and James (JB) Weston of Flandreau, S.D., and Peter Lengkeek of Crow Creek, S.D., who were featured in the film. The film was inspired by a dream had by Indian spiritual leader Jim Miller. It remembers the 38 Dakota who were hanged on December 26th, 1862, as well as a group of Dakota who ride on horseback each year to Mankato to commemorate the executions. Learn more about the film at smoothfeather.org/dakota38/. This project is made possible by a grant provided by the Traverse des Sioux Library Cooperative and was funded in part or in whole with money from Minnesota's Arts and Cultural Heritage Fund; as well as a partnership with the New Ulm Public Library and Brown County Historical Society.

For more information please call (507) 934-2160

Archery in the Park

Sunday, August 18th, 2013 @ 10:00 a.m.

Location: Flandrau State Park

Brief Description: The sport of shooting arrows has been around for thousands of years, First we did it as a way to hunt animals and later as a way to compete against others. Archery is an activity that people from all walks of life and almost every size and ability can participate and have fun. This program covers the basics of archery including safety, proper care of the equipment and how to shoot an arrow. Participants will be able to practice their new skills on a number of different targets including a white-tail deer and wild turkey. Please meet at the picnic area on the campground side.

For more information contact Scott Kudelka (507) 384-8890 or at

scott.kudelka@state.mn.us

Aug. 19th -
Aug. 25th

"Forever Greens" Third Crops

Tuesday, August 20th, 2013 @ 10:00 a.m. - 12:30 p.m.

Location: U of M St. Paul Campus, Research Plots on Fairview Ave., St. Paul, MN
Brief Description: Join Rural Advantage and U of M to view and discuss some of the Forever Green research plots on the St. Paul campus. Of particular focus will be hybrid hazelnuts (genomics, propagation techniques, nut production, and weed management), intermediate wheatgrass (genomics and yield), native prairie mixes (yields), prairie cordgrass, perennial sunflowers (genomics and yield), and perennial biomass crops (bioenergy yields).

For more information contact Jill Sackett at (507) 238-5449

Agriculture Water Quality Projects

Thursday, August 22nd, 2013 @ 10:00 a.m. - 12:00 p.m.

Location: Darwin & Sandy Roberts Farm, 1838 260th Avenue, Granada, MN
Brief Description: Elm Creek is located in the Blue Earth River Watershed in south central Minnesota. The MPCA has placed Elm Creek on its Impaired Water List due to excess nutrients, excess soil, and high fecal coliform counts. Researchers from the University of Minnesota have put together a number of water quality options that farmers can place on their land to help with issues in Elm Creek. They are working with local farmer Darwin Roberts, the Martin SWCD, the NRCS, and the MDA to construct a few of these options for demonstration and research purposes. Currently a constructed wetland with tiling routed through it before reaching Elm Creek; two woodchip bioreactors; and a streambank stabilization project are being studied.

For more information on this event contact Jill Sackett at (507) 238-5449

Traverse County Fair

Thursday, August 22nd - Sunday, August 25th, 2013

Location: Wheaton, MN

For more information and list of events visit [Traverse County Fair Premium Book](#)

Digital Photography for Children

Friday, August 23rd, 2013 @ 1:00 p.m.

Location: Minneopa State Park

Brief Description: Photography is a great way to take some memories home with you after your visit to a state park. Kids will get a chance to learn how to use a digital camera and shoot photos of what interests them. Digital cameras are provided and the kids will be able to print one photo to take with them. Limit of 20 kids (must be 8 years of age and children must be accompanied by an adult). Please sign up at the park office (prior reservation required). Meet at the picnic shelter on the waterfalls side of Minneopa.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

Biking in the Upper Minnesota Watershed at Lac qui Parle State Park

Saturday, August 24th, 2013 @ 3:00 p.m. - 6:00 p.m.

Location: Lac qui Parle Lake, Upper and Lower State Park

Brief Description: This up to 3-hour adventure offers something for everyone. Participants may choose from paved trails in the newer upper park, on the east side of the lake, to a 19 miles loop that provides the rider with a variety of hills and straight terrain, on very lightly trafficked county tar roads. Alternative 5 to 10 mile round trips will be available. The old lower park on the west side where LQP River comes into the lake has gravel roads and is nicely forested and beautiful old WPA buildings. The new upper park on the east side has tar loop

roads, and spectacular views from high hills above the lake. There are hiking paths on both parks, with native prairie in upper park. A nice DNR interpretive center with many stuffed birds, and a variety of animal pelts, is handy on the east side.

For more information visit <http://www.cureriver.org/event/biking-in-the-upper-minnesota-watershed-at-lac-qui-parle-state-park/> or contact CURE at peg@cureriver.org

Aug. 26th -
Sept. 1st

Wild Edibles

Friday, August 30th, 2013 @ 7:00 p.m.

Location: Fort Ridgely State Park

Brief Description: People eat wild edibles for a number of reasons including as a legitimate way economizing their food costs, as an excellent source of vitamins and minerals, and in rare situations they can be essential for survival. We will talk about some of the more recognizable plants growing in the area like the common dandelion which can be used in salads or even as a coffee-like beverage. Meet at the parking lot of the Creek Picnic Area.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

Geocaching 101

Saturday, August 31st, 2013 @ 3:00 p.m.

Location: Minneopa State Park

Brief Description: Join the naturalist for this high tech treasure hunt and learn the basics of this new worldwide recreational sport. GPS units are provided. There will be chance to test your GPS skill on a critter activity before going out to find the park geocache. Limit of 20 people (must be 8 years of age and children must be accompanied by adult). Please sign up at the park office (prior reservation required). Meet at the picnic area on the campground side.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

Digital Photography for Children

Sunday, September 1st, 2013 @ 4:00 p.m.

Location: Flandrau State Park

Brief Description: Photography is a great way to take some memories home with you after your visit to a state park. Kids will get a chance to learn how to use a digital camera and shoot photos of what interests them. Digital cameras are provided and the kids will be able to print one photo to take with them. Limit of 20 kids (must be 8 years of age and children must be accompanied by an adult). Please sign up at the park office (prior reservation required). Meet at the picnic shelter on the waterfalls side of Minneopa.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

What lives in the river; fish

Sunday, September 1st, 2013 @ 7:00 p.m.

Location: Flandrau State Park

Brief Description: How well is the fishery in the Minnesota River Basin doing? Join us for a look at how the river's fishery has improved from the days of the 1950s when biologists found more peas and carrots floating in the river than fish. In this presentation, visitors will discover some of the more interesting fish that live in the Minnesota River and what is behind this improvement in both numbers and species diversity. There will also be some fun activities for children

of all ages. Meet at the picnic area on the campground side.

For more information contact Scott Kudlka (507) 384-8890 or at scott.kudelka@state.mn.us

Night Hike

Sunday, September 1st, 2013 @ 9:00p.m.

Location: Flandrau State Park

Brief Description: There are many cool places to go exploring at Minneopa State Park. On this walk we will start out at the picnic areas on the campground side and head down into the Minneopa Creek Valley ending up at the confluence with the Minnesota River. Along the way we will stop to talk about some of the plants, wildlife, trees and geology of this area. A hike is a great way to experience the natural world around us and hear the sounds of bird chirping, water flowing over rocks and the wind blowing through the leaves. The total distance is around 2 miles and it will take us around an hour and a half. Be prepared for some steep and rough terrain. Meet at the picnic area on the campground side of the park.

For more information contact Scott Kudelka (507) 384-8890 or at scott.kudelka@state.mn.us

**Sept. 2nd -
Sept. 8th**

Lac qui Parle County Fair

Thursday, August 5th - Sunday, August 8th, 2013

Location: Madison, MN

For more information and list of events visit [Lac qui Parle County Fair's](#) facebook page

Beginning Hop Grower Workshop

Saturday, September 7th, 2013 @ 8:30 a.m. - 4:30 p.m.

Location: Southern Research and Outreach Center, 35838 120th St., Waseca, MN

Brief Description: Join the Minnesota Hop Growers Association (MHGA), University of Minnesota and Rural Advantage for a day jam-packed with information for the beginning hop grower. The workshop will be held at the University's SROC where hop research has been conducted for the last few years. Attendees will learn about history of hop productions and brewing, how to establish and operate a successful hop yard, harvesting and processing, economics, and marketing. There will also be time for discussion and networking. The experienced presenters will include hop growers, researchers, processors, and brewers. Registration fees (\$25 for members, \$50 for non-members, \$75 for registration and one year membership to MHGA) will include materials, refreshments, and lunch.

To register visit the MHGA website www.mhga.org

**Sept. 9th -
Sept 15th**

**Sept. 16th -
Sept. 22nd**

Agroforestry for Biomass Production and Nutrient Management

Tuesday, September 17th, 2013 @ 1:00 p.m. - 3:00 p.m.

Location: Empire Wastewater Treatment, 2540 W. 197th Street, Farmington, MN 55024

Brief Description: The University of Minnesota, USDA National Agroforestry Center, and Metropolitan Council have collaborated on a project to evaluate the productive potential and the nutrient uptake of woody and herbaceous crops planted in the alley crop style. The research plots include switchgrass, prairie cordgrass, an alfalfa/intermediate wheatgrass mix, a native tallgrass prairie mix,

and hybrid poplar and willow. There will be a "walk-n-talk" discussing the value of these perennial grasses.

For more information contact Jill Sackett at (507) 238-5449

Project WET Workshop

Tuesday, September 17th, 2013 @ 10:00 a.m. - 4:00 p.m.

Location: Hyland Lake Park Reserve Visitor Center, Lakeview Room, 10145 Bush Lake Road, Bloomington, MN

Brief Description: This one-day workshop will train educators to incorporate Project WET activities into curriculum. Participants will engage in several fun, hands-on indoor and outdoor learning activities appropriate for use with students. WET activities are: correlated to Minnesota Academic Standards; interactive and hands-on; ideal for reaching different learning styles; flexible to be used in- or outdoors; easily incorporated into existing curricula. Costs \$15

For more information or to register contact Erica (952) 358-2276 or at esniegowski@ninemilecreek.org

University of Minnesota SROC's Centennial Celebration

Thursday, September 19th, 2013 @ 3:00 p.m. - 8:00 p.m.

Location: SROC, 35838 120th Street, Waseca, MN

Brief Description: Join the University of Minnesota in celebrating 100 years at the Southern Research Center in Waseca! There will be booths and activities for interests of all kinds. The Centennial program begins at 5:00 p.m. The picnic supper will be from 4:30 p.m. - 7:00 p.m.

For more information contact Southern Research and Outreach Center at (507) 835-3620 or nelso191@tc.umn.edu

Job Announcements

FISHERIES MANAGEMENT SPECIALIST

Department:	Natural Resources Department
Closing Date:	August 7th, 2013
Location(s):	Glenwood, MN
Who May Apply:	All qualified job seekers
Responsibilities:	**This is a Temporary position with an estimated end date of 12/31/2015**

This position exists to advance development and execution of aquatic resource management programs in Douglas, Grant, Pope, Stevens and Todd Counties, for purposes of protecting and enhancing fish and aquatic resources in order to benefit the environment, economy, and quality of life.

Natural Resources Specialist - Fisheries positions perform professional fisheries management work, acting as a project leader for technicians and laborers involved in the implementation of a variety of professional and technical field management projects and activities; may function as project specialist on efforts devoted to fisheries management operations on a single major lake, or function as a technical specialist within a region. These duties include: design,

implementation, and supervision of projects.

Responsibilities include:

- Conduct inventories of aquatic resources, complete special assessments, and estimate resource exploitation to accurately describe resource attributes, evaluate resource health, detect resource sustainability issues, and measure resource management efficiency.
- Propagate and distribute gamefishes in order to satisfy annual stocking objectives, restore lost or degraded fisheries, and sustain quality fishing experiences from stocking investments.
- Complete environmental risk assessments, document fish and habitat losses, and provide field leadership and technical support in resource management programs and cooperative projects to protect or restore degraded fish habitats.
- Educational programming within the Glenwood area.
- Assist the Area Supervisor in assigned general administrative duties and daily operations to maintain a productive workforce and effective resource management delivery.

For more information and to apply visit

<http://www.careers.state.mn.us/> Posting # 13DNR000628

CIVIL ENGINEERING TECHNICIAN

Department:	NRCS
Closing Date:	August 8th, 2013
Location(s):	Owatonna, MN; Rochester, MN
Who May Apply:	All qualified job seekers
Responsibilities:	Makes initial contact with landowners and groups who have indicated an interest in the conservation program or in assistance in complying with the Food Security Act and the Food and Agriculture Commodity Trade Act (FSA/FACTA) and gathers the necessary pertinent data including surveys required in the development of comprehensive land management system plans. Determines need, feasibility, and probably conservation results of conservation practices in treating various resource needs and recommends alternative practices as well as means by which practices already applied or to be applied can be integrated into systems within the total conservation plan. Delivers completed conservation plans to landowners and explains the plans in detail. Assists with the planning and application of practices in a progressive sequence with land-users. Application involves conducting surveys and investigations, design and plan preparation, and layout construction inspection of conservation practices.

For more information and how to apply visit

<https://www.usajobs.gov/GetJob/ViewDetail/348360000>

(Rochester location) or

<https://www.usajobs.gov/GetJob/ViewDetail/348306600> (Owatonna location)

WATER QUALITY COORDINATOR

Department:	Department of Agriculture
Closing Date:	August 8th, 2013
Location(s):	Rochester, MN
Who May Apply:	All qualified job seekers
Responsibilities:	<p>This position will be responsible for preventing and minimizing degradation of water quality in southeast Minnesota through the promotion, evaluation, and as indicated, development of crop nutrient best management practices (BMPs) and Alternative Management Tools (AMTs).</p> <p>This position will also provide educational opportunities and technical assistance to crop producers, agricultural professionals, and local government officials located in areas with known or potential water contamination from nitrates, such as municipal drinking water source water protection areas, areas of elevated nitrate in private wells, and state groundwater management areas. The scope of the position's work is guided by the Minnesota Nitrogen Fertilizer Management Plan. A majority of the work focuses on Olmstead, Wabasha, and Winona counties.</p> <p>For more information and to apply visit http://www.careers.state.mn.us/ Posting # 13AGR000057</p>

HYDROLOGIST 3

Department:	Transportation Department
Closing Date:	August 9th, 2013
Location(s):	St. Paul, MN
Who May Apply:	All qualified job seekers
Responsibilities:	<p>This position will provide advanced professional hydrogeologic expertise regarding soil and ground water contamination identification, determination of areal extent and magnitude, and treatment. This work enables projects to proceed without delays resulting from contamination, while ensuring protection of the environment, full compliance with regulatory requirements, and minimization of future environmental liability.</p> <p>For more information and to apply visit http://www.careers.state.mn.us/ Posting # 13DOT000479</p>

AREA HYDROLOGIST

Department:	Natural Resources Department
Closing Date:	August 9th, 2013
Location(s):	St. Paul, MN
Who May Apply:	All qualified job seekers
Responsibilities:	This position exists to ensure sustainability of the State's water resources

through management of the activities of the public within a geographic work area primarily comprising Dakota and Scott Counties. This position also completes work assignments that involve state-wide and regional projects and policy.

For more information and to apply visit
<http://www.careers.state.mn.us/> Posting # 13DNR000639

WATER QUALITY COORDINATOR

Department: Agriculture Department

Closing Date: August 9th, 2013

Location(s): Rochester, MN

Who May Apply: All qualified job seekers

Responsibilities: This position will be responsible for preventing and minimizing degradation of water quality in southeast Minnesota through the promotion, evaluation, and as indicated, development of crop nutrient best management practices (BMPs) and Alternative Management Tools (AMTs).

This position will also provide educational opportunities and technical assistance to crop producers, agricultural professionals, and local government officials located in areas with known or potential water contamination from nitrates, such as municipal drinking water source water protection areas, areas of elevated nitrate in private wells, and state groundwater management areas. The scope of the position's work is guided by the Minnesota Nitrogen Fertilizer Management Plan. A majority of the work focuses on Olmstead, Wabasha, and Winona counties.

For more information and to apply visit
<http://www.careers.state.mn.us/> Posting # 13AGR000057

WATER QUALITY COORDINATOR

Department: Department of Agriculture

Closing Date: August 9th, 2013

Location(s): Little Falls, MN; Staple Office, MN

Who May Apply: All qualified job seekers

Responsibilities: This position will be responsible for preventing and minimizing degradation of water quality in Minnesota's central sands region through the promotion, evaluation, and as indicated, development of crop nutrient best management practices (BMPs) and Alternative Management Tools (AMTs). This position will also provide educational opportunities and technical assistance to crop producers, agricultural professionals, and local government officials located in areas with known or potential water contamination from nitrates, such as municipal drinking water source water protection areas, areas of elevated nitrate in private wells, and state groundwater management areas. The scope of the position's work is guided by the Minnesota Nitrogen Fertilizer Management Plan. A majority of the work focuses on Morrison, Todd and Wadena counties.

For more information and to apply visit <http://www.careers.state.mn.us/>
Posting # 13AGR000058

AGRIC ADVISO, AGRICULTURAL CHEMICALS

Department: Agriculture Department

Closing Date: August 13th, 2013

Location(s): St. Paul, MN

Who May Apply: All qualified job seekers

Responsibilities: This position exists to conduct inspections, perform investigations and take necessary actions to ensure compliance under the anhydrous ammonia inspection and permitting program, the chemigation inspection and permitting program, the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Minnesota's Pesticide Control and Fertilizer, Soil Amendment and Plant Amendment Laws, M.S. 18B, 18C, 18D, and 18E and rules promulgated under both federal and state law.

The position will also review bulk fertilizer/pesticide permit applications for permitting purposes and bulk and non-bulk facility inspections and investigations for compliance with Minnesota Pesticide and Fertilizer Control Law, M.S. 18B, 18C, 18D, 18E and FIFRA, and rules promulgated under both federal and state law, to collaborate in facility compliance and enforcement actions, to provide regulatory and technical support to St. Paul program and field staff.

For more information and to apply visit
<http://www.careers.state.mn.us/> Posting # 13AGR000091

ASSISTANT AREA WILDLIFE MANAGEMENT

Department: Natural Resources Department

Closing Date: August 15th, 2013

Location(s): Marshall, MN

Who May Apply: All qualified job seekers

Responsibilities: Primary Responsibilities:
This position exists to assist the Area Wildlife Manager in planning, developing, and implementing DNR wildlife management programs, activities and policies by managing, preserving, and conserving wildlife habitat and populations on public and private lands in the area.

Core Activities:

- To collaborate with the Area Wildlife Supervisor in:
- The administration of wildlife management programs of the Area Wildlife Office.
- Training, directing, evaluating, reviewing, and effectively recommending rewards and discipline for subordinate personnel assigned to the Area Wildlife Office.
- Planning and developing policies.

- Implementing environmental protection programs.
- Developing and implementing information and education program that the public will be better informed about wildlife issues.
- Implementing wildlife population management programs and policies.
- Implementing wildlife habitat management programs and policies on public lands.

For more information and to apply visit

<http://www.careers.state.mn.us/> Posting # 13DNR000641

FISHERIES HABITAT SPECIALIST

Department: Natural Resources Department

Closing Date: August 16th, 2013

Location(s): New Ulm, MN

Who May Apply: All qualified job seekers

Responsibilities: This position functions as the DNR Commissioners' delegate in administering aquatic habitat-related programs of the DNR, section of Fisheries in a multi-county region. This position primarily involves the Aquatic Plant Management Program (APM), the Aquatic Aeration Program (AAP), interactions with planning and zoning officials from local government units that deal with shoreline development, assisting with the Aquatic Habitat Program (AHP), and other special habitat projects within the 33 counties in the DNR Southern Region (R4). This position also provides assistance to other staff to protect, preserve, and enhance fish and wildlife habitat through the effective implementation of best management practices as they relate to fisheries management activities. The person in this position is the lead worker in planning and implementing the APM and AAP programs, effectively acting in a supervisory role in directing and guiding staff at the New Ulm office. This position also assists with AHP projects at the regional level and program consultation/assessment with the statewide AHP coordinator.

For more information and to apply visit

<http://www.careers.state.mn.us/> Posting # 13DNR000643

REGIONAL ASSESSMENT ECOLOGIST

Department: Natural Resources Department

Closing Date: August 20th, 2013

Location(s): St. Paul, MN

Who May Apply:

All qualified job seekers

Responsibilities:

This position exists to implement environmental review responsibilities in the Central Region within the Division of Ecological and Water Resources through analysis, evaluation, special investigation, intra- and interagency coordination, and development of recommendations. Actions taken are under the authority of the Minnesota Environmental Policy Act (MEPA) and related federal and state laws, regulations, policies or directives. The purpose of these actions is to avoid, minimize and/or compensate for adverse impacts to fish, wildlife and native plant resources resulting from federal, state, local government or private development projects.

Primary responsibilities include:

1. Conduct technical review of development projects region-wide, identify effects to natural resources, and provide mitigation recommendations so that adverse impacts to natural resources are avoided, minimized or compensated in a manner that provides long-term sustainability, consistent with Minnesota laws and policies.
2. Evaluate proposed projects region-wide that require permit applications, including necessary coordination, so that impacts to fish, wildlife, and native plant resources are accurately identified and avoided, minimized or compensated.
3. Provide coordinative services and technical guidance regarding environmental review processes to the Regional Environmental Assessment Team (REAT), and maintain a repository of project information, including project documents, comment deadlines and draft comments, so projects are reviewed accurately, openly and promptly.
4. Complete and submit required Department forms and records in a timely manner so that activities are accurately documented for fiscal and planning purposes, field office reference and public record.
5. Represent the Department in meetings or an intra- and interagency committees, task forces, etc., involving development interests, conservation/environmental organizations, other DNR Divisions, local units of government, and state and federal agencies.
6. To remain current on new information in terrestrial, aquatic and wetland ecology and related fields so that professional competence is maintained and enhanced and new information, techniques, methods and equipment are utilized in implementing all responsibilities of the position.

For more information and how to apply visit

<http://www.careers.state.mn.us> Posting # 13DNR000629

FOOD INSPECTOR - INTERMITTENT**Department:**

Department of Agriculture

Closing Date:

December 12th, 2013

Location(s):

Butterfield, MN; Cold Spring, MN; Austin, MN; Melrose, MN; Pelican Rapids, MN; Faribault, MN; Marshall, MN; Willmar, MN; Windom, MN; Worthington,

MN

Who May Apply:

All qualified job seekers

Responsibilities:

Entry-level Food Inspector positions filled through this job announcement generally work in slaughter plants. Our Food Inspectors:

- Examine food animals in privately-owned meat or poultry plants
- Perform their duties before and after slaughter, guaranteeing that the product is not contaminated
- Maintain sanitation procedures
- Are a valued member of a dynamic team that ensures the product is fit to eat and compliant with Federal laws

Food Inspectors and Consumer Safety Inspectors (slaughter) are involved in ante-mortem inspection of livestock or poultry and post-mortem inspection of red meat or poultry. This inspection activity is performed in a noisy industrial environment with large moving machinery that cannot be stopped instantly. Workstations and walkway can be extremely narrow and slippery. Excellent stability and balance is required. Frequent physical activities such as walking, climbing, standing, and kneeling are required, including climbing and walking on catwalks. Various environmental conditions, ranging from sub-freezing temperatures to frequent summertime temperatures at 80 to 90 degrees are common, with extreme humidity. Inspection activity requires rapid, constant repetitive motion with both hands and wrists. Red meat viscera inspection requires palpitation of organs and slicing with extremely sharp knives. Accurate color vision is essential to notice subtle shades of product color in the detection of abnormalities that make a product unfit for human consumption.

For more information visit

<https://www.usajobs.gov/GetJob/ViewDetails/331796400> or to apply visit www.FoodSafetyJobs.gov 'Food Inspector Online Application Process'

"To halt the decline of an ecosystem, it is necessary to think like an ecosystem." -Claudine Schneider

Please register at the Minnesota River Watershed Alliance's bulletin board at <http://mail.mnsu.edu/mailman/listinfo/mrwa/> to receive regular updates on what is happening in the Minnesota River Basin.
