



St. James Creek near CSAH-27 & 740th Ave (May 23, 2013)

Minnesota River Weekly Update

July 22, 2014

Minnesota River Watershed Alliance to recap congress

A report on the recent Minnesota River Congress will be a main discussion topic at the quarterly meeting of the Minnesota River Watershed Alliance scheduled for Tuesday, Aug 12, at Ridgewater College in Hutchinson. A potluck meal begins at 6 p.m., followed by the meeting at 7 p.m. Everyone is welcome to attend. The [Minnesota River Watershed Alliance](#) is a watershed-wide network of individuals from private organizations and public agencies, and citizens who meet quarterly and work on projects that support and benefit the Minnesota River Basin. The Aug. 12 agenda also includes a status report of the National Blueway designation project for the Minnesota River, and other general updates. At its April 15 meeting, the Alliance voted to support the convening of the first Minnesota River Congress, which occurred June 19 at Turner Hall in New Ulm. The purpose of the Congress was to bring together all interested parties in the Minnesota River basin to network and discuss building a broad-based citizen and government partnership entity to preserve and improve natural resources.

BWSR seeks watersheds for "targeted demonstrations"

BWSR is seeking nominations for three to six project watersheds to participate in the Targeted Demonstration Program. Eligible watersheds are those where the amount of change to achieve a water quality improvement is known, the type of actions required to achieve those results have been identified, and a significant amount of those actions can be implemented within a four-year timeframe.

For more information for the [BWSR's Targeted Watershed Demonstration Program Request for Interest](#) webpage.

Minnesota State posts nutrient planning web portal

The Minnesota Nutrient Planning Portal developed as an adjunct to the statewide nutrient strategy but focused on

HUC8 watershed nutrient planning, is essentially completed by Minnesota State University, Mankato. It will be linked to the Nutrient and Watershed webpages, shared with the interagency Coordinating Team members and their agencies, and promoted to local water planning groups. For more information contact [Kim Musser \(507\) 389-5307](mailto:Kim.Musser@state.mn.us).

Five watersheds to pilot One Watershed-One Plan

The [One Watershed, One Plan](#) pilot program will build on existing efforts in five watersheds, using current local water plans, state and local knowledge and a systematic, science-based approach to watershed management. The resulting plans will address the largest threats that provide the greatest environmental benefits to each watershed. The five pilot areas include: Lake Superior North, North Fork Crow River, Red Lake River, Root River, and Yellow Medicine River watersheds.

What's new at the EcoExperience in 2014

A partnership between the Minnesota State Fair, the MPCA, and over 120 organizations and businesses from across the state, the Eco Experience has become the second most popular exhibit at the fair. It is the largest environmental event of its kind, nationally, in the last two decades. Since 2006, more than 2.5 million visitors have attended the 25,000 square foot exhibit to learn more about clean air and water, saving energy, climate change, recycling, healthy local food, transportation, green building and remodeling, and other ways to lead more eco-friendly lives. The Eco Experience is in the Progress Center building at the corners of Randall and Cosgrove. For more information and a list of 2014 exhibits go to <http://www.ecoexperience.org>.

Farmer uses natural plants for weed control

Organic farmer Floyd Hardy works hard to manage weeds, protect soil and reduce fuel use and expenses. Hardy is testing whether planting his soybeans into a small grain such as triticale will provide natural weed control. This spring, he planted winter triticale (rather than spring triticale) at several different seeding rates. The winter triticale variety is important, because without the cold, the triticale won't flower at the right time and keep the weeds at bay. He then planted soybeans amongst the triticale and is studying its weed control effectiveness. Consulting agronomist Glen Borgerding will join Hardy to talk about how the triticale demonstration is performing this year. They will also cover other innovative weed control strategies with field day participants. Visitors should dress for the weather and walking. Hardy farms 220 acres and has been certified organic since 2000. His trial is supported by the [MDA's Sustainable Agriculture Demonstration Grant Program](#). Learn more about other on-farm research and demonstrations in the [MDA's Greenbook](#).

ARTICLES

[Applied science builds Minnesota from the ground up](#)

Lee Egerstrom, July 16, MN2020

When a farmer named Thomas Jefferson was helping design buildings, ground and curricula for the University of Virginia, he argued empathetically that there should be an agriculture course at the new university. Minnesota educators, other public officials and community leaders should revisit Jefferson's thinking.

[Computer modeling shows the disastrous impact of a pipeline break](#)

Ron Meador, July 17, MinnPost

In this computer-generated image, oil from a hypothetical 12-hour pipeline leak on the north side of the Straits of Mackinac has moved into both Lake Michigan and Lake Huron, with heavy loading of surface oil on the beaches of both Mackinac Island, closest to the break, and Bois Blanc Island.

[Minnesota muskie stocking disrupted by zebra mussels](#)

Dan Gunderson, July 17, MPR News

The recent discovery of zebra mussels in a Becker County lake has forced the MnDNR to make some changes in its muskie stocking program.

[Grasslands conversion may increase water pollution in SE Minnesota](#)

Tom Meersman, July 18, MPR News

A study predicts that growth in Minnesota cropland will jeopardize drinking water.

[Outreach helps Minnesota state parks grow business](#)

Steve Karnowski, July 20, Mankato Free Press

[Sixth grader Lauren Arrington's science fair finding shocks ecologists \(with audio\)](#)

Despite a record wettest June that kept Minnesotans hunkered down at home, state figures show that more people than ever are getting outdoors to take advantage of Minnesota's state parks.

NPR Staff, July 20, MPR News

When a 12-year-old Lauren Arrington heard about her sixth-grade science project, she knew she wanted to study lionfish. Her project showed that the lionfish can survive in nearly freshwater. The results blew away professional ecologists.

[Mankato parks still cleaning up flood damage](#)

AP, July 21, St. Cloud Times

Crews are still cleaning up the mess left behind in Mankato parks almost a month after the Minnesota River in the city hit its 10th highest level on record.

[Couple finds farming organic nourishes soil, spirit](#)

Dan Olson, July 21, Brainerd Dispatch

The soil on Loretta and Martin Jaus' farm is premium stuff, brimming with organic matter and alive with billions of microbes. It calmly drank in a deluge this spring that flooded neighboring farmland.

EVENTS

July 21 - July 27

Heron Lake Watershed Project Site Tour

Monday, July 21, 2014 @ 9:30 a.m.

Location: Heron Lake Community Center

Brief Description: The Heron Lake Watershed District is hosting a Project Site Tour. This tour will include stops at the cedar revetment site in section 3 of Seward Township in Nobles County and the J-hook weir site in section 4 of Alba Township in Jackson County. This event is free of charge and open to the public. Participants will meet at the Heron Lake Community Center and will depart at 10 a.m. Coffee and rolls will be served.

For more information and to register contact the HLWD office by June 23, 2014 ([507-793-2462](tel:507-793-2462)) or contact [Jan Voit](#).

Soil & Water Management Field Day

Wednesday, July 23, 2014 @ 9 a.m. - 3 p.m.

Location: University of Minnesota Southwest Research and Outreach Center, Tracy, MN

Brief Description: The objective of this field day is to convene farmers, researchers, stakeholders and practitioners to interact on issues treated to soil and water management for productivity and environmental enhancement. Drainage water management is a practice that allows a producer to exercise greater control over a drainage system in such a way as to reduce drainage during certain times of the year (when less drainage is needed) and provide for adequate drainage when needed most. The Soil and Water Management Field Day is an inter-institutional and inter-agency collaboration designed to highlight progress on soil and water management research. The proceedings from the morning program will include six papers discussing collaborative research projects conducted by scientists from the University of Minnesota, Iowa State University, South Dakota State University, and the Agricultural Research Service (USDA-ARS). Dr. Jerry Hatfield, USDA-ARS National Lab for Agriculture and the Environment, will give the noontime keynote address on adaptation and mitigation strategies for crop production in the face of future climate change. Other presenters and topics will be presented. The afternoon program, beginning at 1 p.m., will feature a panel discussion on achieving crop production environmental quality goals in the face of future climate change. There is no cost for the field day and a lunch will be provided.

For more information on tours and specific event times

visit <http://swroc.cfans.umn.edu/> or call (507) 752-7372.

Eighth Annual Bat Survey

Thursday, July 24, 2014 @ 8:30-10:30 p.m.

Location: Maplewood Nature Center, Maplewood, MN

Brief Description: Join folks at the Maplewood Nature Center to hike the trails at twilight to listen for bat clicks and chirps with electronic echo-locator. Help to identify and record species flying over the nature center pond and examine a bat house and receive bat house plans.

For more information and to register [go online](#) or call (612) 249-2170.

Farm field day demonstrating triticale's potential to suppress weeds in soybeans

Friday, July 25, 2014 @ 1-2:30 p.m.

Location: 18055 Woodrow Rd, Brainerd, MN

Brief Description: Organic farmer Floyd Hardy works hard to manage weeds, protect soil and reduce fuel use and expenses. Hardy is testing whether planting his soybeans into a small grain such as triticale will provide natural weed control. This spring, he planted winter triticale (rather than spring triticale) at several different seeding rates. The winter triticale variety is important, because without the cold, the triticale won't flower at the right time and keep the weeds at bay. He then planted soybeans amongst the triticale and is studying its weed control effectiveness. Consulting agronomist Glen Borgerding will join Hardy to talk about how the triticale demonstration is performing this year. They will also cover other innovative weed control strategies with field day participants. Visitors should dress for the weather and walking. Hardy farms 220 acres and has been certified organic since 2000. His trial is supported by the [MDA's Sustainable Agriculture Demonstration Grant Program](#). Learn more about other on-farm research and demonstrations in the [MDA's Greenbook](#).

For more information contact [Michael Crusan \(651\) 201-6629](#).

Geocaching 101

Friday, July 25, 2014 @ 5 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 a chance to test out 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 Group Campground on the campground side.

For more information contact [Scott Kudelka \(507\) 384-8890](#).

Wolf Ecology

Friday, July 25, 2014 @ 7 p.m.

Location: Minneopa State Park

Brief Description: Wolves have been feared, sentimentalized and slaughtered, yet they somehow have managed to resist extinction. The wolf is complex, controversial and colorful creature that was once found throughout Minnesota before almost being wiped out. We will talk about some of the more interesting characteristics of wolves and read accounts of human interactions with this animal. Meet at the picnic area on the campground side.

For more information contact [Scott Kudelka \(507\) 384-8890](tel:5073848890).

Frontier Fun Kids Activities at the Mayo House

Friday, July 25 - Sunday, July 27, 2014

Location: WW Mayo House

Brief Description: Bring the kids for some frontier fun at the WW Mayo House! Through games and activities, family will be introduced first-hand to daily life 150 years ago. Tour the Mayo House for an interactive experience that has special emphasis on the life of frontier children - their chores, toys, and games. In the parlor challenge a family member to a game of Ninepins or various other 1800's period games and make a whizzing whirligig to take home; in the kitchen try your hand at household chores; in the family room practice your letters and numbers assigned as schoolwork. The WW Mayo House is located at 118 N. Main Street in Le Sueur. The historic site is operated by the Nicollet County Historical Society through a partnership with the Minnesota Historical Society.

For more information contact [Becky Pollack \(507\) 665-3250](tel:5076653250).

PADDLE: The Minnesota River with Don Robertson

Saturday, July 26, 2014 @ 9 a.m. - 1 p.m.

Location: Minnesota River

Brief Description: CURE Board member Don Robertson will be leading a paddle on the Minnesota River on Saturday, July 26. The exact location will be determined the week before the paddle to accommodate changing water levels, but regardless, this trip will give you an opportunity to explore the river that inspired CURE's founding 22 years ago. Furthermore, Don is an enrolled member of the Sisseton Oyate, and he will be sharing stories about the importance of Minnesota River to the Dakota people. This trip will be appropriate for people with basic to intermediate paddling ability, though plan to be on the river from 9 a.m. until lunchtime. Also, please bring your own bagged lunch and water, and dress for the weather in light, layered clothes, a hat and sunglasses. Don't forget your sunscreen!

For more information and to register check out the [event page](#).

Tree ID & Disease Workshop

Saturday, July 26 @ 9:30 a.m. - 11:30 p.m.

Location: Maplewood Nature Center, Maplewood, MN

Brief Description: Deadly infectious disease and invasive pests threaten Minnesota's ash, elm and oak tree. Learn what these diseases and pests are, how they spread, and what you can do to protect trees. After examining displays, take a guided walk to identify ash, elms and oaks at the Nature Center. Coffee, rolls and snacks provided.

For more information and to register [go online](#) or call [\(612\) 249-2170](tel:6122492170).

Archery in the Park

Saturday, July 26, 2014 @ 10 a.m.

Location: Minneopa State Park

Brief Description: The sport of shooting arrows has been around for thousands of years. First humans used archery as a way to hunt animals and later as a way to compete against each other. 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 (safety, proper care of the equipment and how to use a bow). 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 Group Campground on the campground side of Minneopa State Park.

For more information contact [Scott Kudelka \(507\) 384-8890](tel:5073848890).

Archery in the Park

Saturday, July 26, 2014 @ 2 p.m.

Location: Flandrau State Park

Brief Description: The sport of shooting arrows has been around for thousands of years. First humans used archery as a way to hunt animals and later as a way to compete against each other. 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 (safety, proper care of the equipment and how to use a bow). 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 staff housing area right before the contact station when you enter the park.

For more information contact [Scott Kudelka \(507\) 384-8890](tel:5073848890).

Archery in the Park

Saturday, July 26, 2014 @ 5 p.m.

Location: Fort Ridgely State Park

Brief Description: The sport of shooting arrows has been around for thousands of years. First humans used archery as a way to hunt animals and later as a way to compete against each other. 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 (safety, proper care of the equipment and how to use a bow). 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](tel:5073848890).

Shopping with Laura Ingalls at the Harkin Store

Sunday, July 27, 2014 @ 1-4 p.m.

Location: Harkin Store

Brief Description: On your way to the Little House on the Prairie reunion at Walnut Grove on July 27, stop in at the Harkin Store and see what Laura and her family would have purchased at the Oleson Mercantile. The Harkin Store, which was open during the 1870's when Laura lived in Walnut Grove, has 40% original merchandise still on the shelves. A costumed tour of the store and story of the unique bit of history told. Enjoy old-fashioned from home made egg, coffee, lemonade, and samples of "store goods." Extra checker boards will be available for you to challenge your family and friends. The Harkin Store is open from 10 a.m. - 5 p.m. everyday except Mondays in July. The gift shop is open the same hours as the store with a supply toys, books, unique and hand-crafted items, also 10 cent candy. Admission to the program is included with the museum admission.

For more information contact the Nicollet County Historical Society for more information contact the store at [\(507\) 354-8666](tel:5073548666) or NCHS at [\(507\) 934-2160](tel:5079342160).

July 28 - Aug 3

Sedge Identification for ECS silviculture

Tuesday, July 29, 2014 @ 12-1 p.m.

Location: Webinar

Brief Description: Sedges are important indicator species to help differentiate among the plant communities described in ecological classification systems (ECS). This presentation will focus on sedges native to northeastern including differences among sedges and other related genera (bulrushes, cotton-grasses, spike rushes, and flatsedges). Serres will cover field characteristics for identifying the most common and important sedges found in our forests, forest edges and wetlands as well as information about habitat preferences and indicator and conservation status.

For more information go to <http://z.umn.edu/2014webinars>.

Giant Story

Friday, August 1 - Sunday, August 3, 2014

Location: WW Mayo House

Brief Description: Find out how the Green Giant Company and Cosgrove Family relate to the historic WW Mayo House through a "Giant Story" Tour of the 1859 Mayo Home. The Tour features a collection of Green Giant Memorabilia along with an interpretation display about the Cosgrove Family and the Green Giant Connection, which explores the link between the Mayo Home and Green Giant Company.

For more information contact [Becky Pollack \(507\) 665-3250](tel:5076653250).

Digital Photography

Friday, August 1, 2014 @ 4 p.m.

Location: Fort Ridgely 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 accompanied by an adult). Please sign up at the park office (prior reservation required). Meet at the upper picnic area next to the historic fort site.

For more information contact [Scott Kudelka \(507\) 384-8890](tel:5073848890).

Leaves

Friday, August 1, 2014 @ 7 p.m.

Location: Fort Ridgely State Park

Brief Description: There is something magical about leaves, which come in all different sizes, thickness, shape, hue, texture and even taste. Leaves are large, small, thick, thin, compound, simple, curved, or lobed. We will talk about why leaves are so different from each other and some of the adaptations plants have made to cope with competition from other plants and animals. A short hike through the trees will help us discover what it is like to be a leaf. Meet at the Campground Picnic Shelter.

For more information contact [Scott Kudelka \(507\) 384-8890](tel:5073848890).

Big Trees

Saturday, August 2, 2014 @ 7 p.m.

Location: Minneopa State Park

Brief Description: Minneopa State Park is home to a number of "big trees" including numerous Red and Bur oaks along with a couple of monster cottonwoods along the creek bank. Trees provide many different functions for us including shade on a hot summer day, a food source, or a place to climb. We will take a hike to look at some of these "big trees" and a chance to experience how various species grow in different

environments. In addition we will also learn how to identify trees, their different parts and how each has their different characteristics. Meet at the Group Campground on the campground side of the park.

For more information contact [Scott Kudelka \(507\) 384-8890](tel:5073848890).

Aug 4 - Aug 10

Make your Home River-Friendly - Workshop and Brewery Tour

Wednesday, August 6, 2014 @ 6-7:30 p.m.

Location: Flat Earth Brewery, Historic Hamm's Brewery, East Side St. Paul

Brief Description: Turn off the tap while brushing your teeth, run the dishwasher on full - there are many ways to improve the health of our local waters from home. But how do you know where to start? And what really makes the biggest difference? Join FMR's Stewardship Coordinator Adam Flett to learn about practices and small projects you can take on inside your home, be it a mansion or a studio apartment, to significantly improve your water footprint. We'll quickly cover the basics, touching on both well-known lessons and lesser-known tools to help you figure out the most effective ways and resources to make your home river-friendly.

For more information and how to sign-up go to [FMR's event page](#).

Geocaching 101

Friday, August 8, 2014 @ 4 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 a chance to test out 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 Group Campground on the campground side.

For more information contact [Scott Kudelka \(507\) 384-8890](tel:5073848890).

American Bison

Friday, August 8, 2014 @ 7 p.m.

Location: Minneopa State Park

Brief Description: As the largest mammal on the Great Plains, millions of bison once roamed all over North America and played an integral role in the livelihood of many Americans Indian tribes. The American bison is an animal built to live in harsh conditions and it will be shown through an activity called "Build a Bison." We will also talk about the distribution of bison prior to the arrival of Europeans and the difference between bison and buffalo .Meet at the Group Campground on the campground side.

For more information contact [Scott Kudelka \(507\) 384-8890](tel:5073848890).

Minnesota Garlic Festival

Saturday, August 9, 2014 @ 10 a.m. - 6 p.m.

Location: McLeod County Fairgrounds, 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, goofy games... and lots of GARLIC - all in support of a healthy environment, sustainable farms and vital rural communities in Minnesota. \$5 for adults, \$3 for kids under 12, babies free; \$1 parking per vehicle.

For more information go to the [Minnesota Garlic Festival website](#).

William Lass

Saturday, August 9, 2014 @ 2 p.m.

Location: Fort Ridgely State Park

Brief Description: Author William Lass will be here to talk about his new book "Shaping the North Star State: A history of Minnesota's Boundaries." William Lass is a historian, author of many books, Professor Emeritus at Minnesota State University - Mankato and a recipient of many awards. Most recently, he was the first recipient of The Lifetime Service Award at the Northern Plains History Conference in 2012. Admission is \$5 for adults, \$3 for seniors, students with ID and children ages 6-17. MNHS and NCHS members are free.

For more information contact [Amber Bentler \(507\) 508-2848](#).

Digital Photography

Saturday, August 9, 2014 @ 2 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 accompanied by an adult). Please sign up at the park office (prior reservation required). Meet at the playground at the Day Use Area near the swimming pond.

For more information contact [Scott Kudelka \(507\) 384-8890](#).

What lives in the river: Fish

Saturday, August 9, 2014 @ 4 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 in the 1950's 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 playground at the Day Use Area near the swimming pond.

For more information contact [Scott Kudelka \(507\) 384-8890](#).

Wild Edibles

Saturday, August 9, 2014 @ 7 p.m.

Location: Flandrau State Park

Brief Description: People eat wild edibles for a number of reasons including as a legitimate way of 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 playground at the Day Use Area near the swimming pond.

For more information contact [Scott Kudelka \(507\) 384-8890](#).

JOB ANNOUNCEMENTS

CLEAN WATER COORDINATOR

Department	Ecological & Water Resources, Minnesota Department of Natural Resources
Closing Date	July 24, 2014
Location(s)	St. Paul, MN
Who May Apply	Current employees of this agency
Responsibilities	<p>THIS IS A ONE YEAR TEMPORARY UNCLASSIFIED</p> <p>This position is the Agency's lead staff for work funded by the Clean Water Fund portion of the Clean Water, Land, and Legacy Amendment appropriations. This position facilitates inter-agency and inter-division coordination, supports DNR's role on the Clean Water Council and the Interagency Coordination Team, provides administrative, budget, and reporting support, and works cooperatively with the Regional and District Managers to provide program level guidance and direction to regional staff who contribute to Clean Water work.</p> <p>For more information and how to apply go to Minnesota State Jobs website, Posting # 14DNR000495.</p>

FEEDLOT TECHNICIAN

Department	Douglas County Land and Resource Management
Closing Date	July 25, 2014
Location(s)	Maplewood, MN
Who May Apply	All qualified job seekers
Responsibilities	<p>To assist with the administration of the Douglas County Feedlot Program and enforcement of the Douglas County Subdivision and Zoning Ordinances, especially as related to feedlots, animal agriculture, and other related issues.</p> <p>For more information and how to apply go to http://www.co.douglas.mn.us/dc/employment-opportunities.aspx</p>

AGRIC ADVISOR, AGRICULTURAL CHEMICALS

Department	Pesticide and Fertilizer Management, Minnesota Department of Agriculture
Closing Date	July 29, 2014
Location(s)	St. Paul, MN
Who May Apply	All qualified job seekers
Responsibilities	<p>This position exists to perform project management of the response to and the cleanup of sites contaminated with agricultural chemicals using the authorities established under state and federal laws. Contaminated sites must be investigated and cleaned up to prevent adverse effects on public health, welfare and the environment.</p> <p>For more information and how to apply go to Minnesota State Jobs website, Posting # 14AGR000053.</p>

COUNTY ENGINEER

Department	Stevens County
Closing Date	July 31, 2014
Location(s)	Morris, MN
Who May Apply	All qualified job seekers
Responsibilities	<p>The County Engineer performs complex professional and difficult administrative work relating to the design and construction of engineering projects, maintenance of the County's roads and bridges and inspections of Stevens County's Legal Drainage Ditch System.</p> <p>For more information and how to apply go to Stevens County's Job Announcements.</p>

MONITORING HYDROLOGIST

Department	Ecological & Water Resources, Minnesota Department of Natural Resources
Closing Date	July 31, 2014
Location(s)	St. Paul, MN
Who May Apply	All qualified job seekers
Responsibilities	<p>This position will collect, manage and analyze hydrologic data to support science-based water resources management decision-making.</p> <p>Job duties include:</p> <ul style="list-style-type: none"> • Support the operation and maintenance of DNR Ecological and Waters Resources stream, lake and ground water data collection programs. • Assist in the organization and management of DNR Ecological and Waters monitoring and geologic mapping data. • Assist with the analysis of surface and ground water data to support sound conclusions and recommendations on water resource management issues. <p>For more information and how to apply go to Minnesota State Jobs website, Posting # 14DNR000501.</p>

MAPPING PROJECT HYDROLOGIST

Department	Ecological & Water Resources, Minnesota Department of Natural Resources
Closing Date	July 31, 2014
Location(s)	St. Paul, MN
Who May Apply	All qualified job seekers
Responsibilities	<p>This position exists to provide technical analysis and interpretation of groundwater and geologic data and to prepare maps, map plates, reports, and other materials illustrating hydrogeologic characteristics and geologic sensitivity to pollution.</p> <p>The mapping project hydrologist will design and carry out field data collection activities to characterize the hydrogeology and geologic sensitivity of a project area. The field data collection will include sampling water wells for chemical and isotope analysis, assisting geophysical data collection under the direction of program geophysics staff, and acquiring other field data in support of atlas projects. The hydrologist will research, compile, plot, and analyze data from a variety of sources using appropriate methods, tools, and software and use the data collected and analyzed to develop interpretive maps, map plates, technical reports, and other materials for publication.</p> <p>This position will require significant travel to complete field data collection tasks. Overnight travel of up to four consecutive days extending over several weeks will be</p>

required periodically throughout the year. Extended work days and some weekend work may be required.

For more information and how to apply go to [Minnesota State Jobs website](#), Posting # 14DNR000516.

FISHERIES HABITAT SPECIALIST

Department	Fish & Wildlife/Region 4, Minnesota Department of Natural Resources
Closing Date	August 18, 2014
Location(s)	New Ulm, MN
Who May Apply	All qualified job seekers
Responsibilities	<p>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 that provides assistance to customers and staff to protect, preserve, and enhance fish and wildlife habitat through the effective implementation and best management practices or programs as they relate to fisheries management activities. This position primarily involves the permitting and implementation of the Aquatic Plant Management Program (APM), the Aquatic Aeration Program (AAP), interactions with lake associations, riparian owners, and planning and zoning officials from local government units that deal with shoreline development and in-lake management of natural resources. This position will also assist Area Fisheries staff with lake and stream surveys, fish stocking, special fish and habitat assessments, and other fish data research activities as time permits within the 33 counties in the DNR Southern Region (R4). The person in this position is the lead worker in planning, coordinating, and implementing the APM and AAP programs, effectively acting in an advisory role for directing and guiding customers within the region. Also, this position can provide assistance to the statewide Aquatic Habitat Program (AHP) for advancing strategies in the MN DNR Fish Habitat Plan.</p> <p>For more information and how to apply go to Minnesota State Jobs website, Posting # 14DNR000512.</p>

HYDROLOGIST 2

Department	Pesticide & Fertilizer Management, Minnesota Department of Agriculture
Closing Date	August 19, 2014
Location(s)	St. Paul, MN
Who May Apply	All qualified job seekers
Responsibilities	<p>This position exists to provide technical expertise to evaluate human health and environmental risks, review environmental investigations and determine appropriate soil, sediment, air and ground water cleanup goals and technologies at agricultural chemical incident sites and to provide related technical support to the Department.</p> <p>For more information and how to apply go to Minnesota State Jobs website, Posting # 14AGR000059.</p>

*"I like it when a flower or a little tuft of grass grows through a crack in the concrete. It's so f***** heroic." - George Carlin*

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.

