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Minnesota River Weekly Update

July 29, 2014

Minnesota River Congress: Majority support creating basin-wide entity

The first Minnesota River Congress June 19 drew about 100 people and at least 22 organizations to the Turner Hall in New Ulm. Many supported the idea of creating a basin-wide entity with citizen leadership. It would help coordinate efforts of the many diverse groups and agencies working in the basin, and create clout in political and economic circles. Other themes that emerged included: more recreation on the Minnesota River, support for land set-aside easements, more people aware of the river, and much good work has been done. A series of regional meetings will be organized later this summer and fall to share information from the congress. A follow-up congress would be convened later in the fall to review the actions and steps resulting from the first congress, and to move forward as appropriate. A report on the recent Minnesota River Congress will be a main discussion topic at the quarterly meeting of the [Minnesota River Watershed Alliance](#) on Tuesday, August 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.

1st farmer certified in water quality program in Elm Creek area

The [MDA](#) and [Rural Advantage](#) have certified the first farm family, Darwin and Sandy Roberts, in the [MAWRC Certification Program](#) for the Elm Creek Pilot Area. The Roberts have a corn and soybean operation near Granada, MN. Their operation borders the pilot waterway Elm Creek, and they have installed a number of conservation practices along the creek, including woodchip bioreactors, treatment wetlands and cover crops.

Darwin on serves on the Martin County SWCD board and partners with the University of Minnesota to do agricultural conservation research on his operation. This voluntary certification program is designed to accelerate adoption of on-farm conservation practices that protect Minnesota's lakes and rivers. Producers who implement and maintain approved farm management practices will be certified in turn assured that their operation meets the state's water quality goals and standards for a period of 10 years. The Elm Creek Pilot Area was selected as one of four pilots throughout the state to test and refine and refine the program. This pilot area includes parts of Faribault, Jackson and Martin counties.

Eco Experience: Largest wad of paper, changing climate and more

The [Eco Experience](#) at the [Minnesota State Fair](#), August 21 thru September 1 will feature the world's largest wad of paper to highlight the need to recycle more paper. Other exhibits will focus on Minnesota's changing climate, garden pollinators, green building products and much more. A partnership between the Minnesota State Fair, the MPCA and more than 120 organizations and businesses from across the state, the Eco Experience has become the second most popular exhibit at the fair. It won the 2013 People's Choice award for "Best Attraction." The Eco Experience is in the Progress Center building at the corners of Randall and Cosgrove.

Open for comment: Birds Eye plan for wastewater improvements

The Birds Eye food-processing plant in Waseca is planning to replace some of its industrial wastewater treatment system. The changes will reduce pollutants and odors while meeting state rules designed to protect water resources. The project requires an Environmental Assessment Worksheet that looks at the potential impact to the environment. The full worksheet for this project is available on the MPCA website by searching for "MPCA environmental worksheet" on the internet. It is also available by calling Beth Tegdesch at (651) 757-1200. Comments on the worksheet, which must be in writing, should go to Charles Peterson of the MPCA's environmental review unit at Charles.peterson@state.mn.us or MPCA, 520 Lafayette Road N, St. Paul, MN 55155. The MPCA will issue coverage under the NPDES/SDS permit. The issuance of the NPDES/SDS permit also requires a public notice. This is available online by searching for "MPCA public notices" and then scrolling down to the July 21 list. Comments on the permit, which must be in writing, should be submitted to Emily Schnick of the MPCA's permit unit at Emily.schnick@state.mn.us or 520 Lafayette Road N., Saint Paul, MN 55155. All comments must be received by 4:30 p.m. on Aug 20.

Tractor business correcting environmental violations

Lee J. Sackett, Inc., a tractor repair and restoration business in Steel and Mower counties, is correcting several environmental violations as part of an agreement with the state. Inspections in 2013 found several violations of rules designed to protect the quality of water, land and air. The MPCA has not issued a financial penalty to the business because of inability to pay. Sackett has taken several steps to comply with state rules with more to take, including a plan for appropriate management of industrial wastewater.

ARTICLES	
<p>Feds assess Nicollet County flood damage <i>Kelsey Hering, July 24, St. Peter Herald</i> The flooding from the heavy June rains caused damage in Nicollet County that could take as much as \$800,000 to fix.</p>	<p>Whip smart: Cottonwood planting takes root as worries grow <i>Elizabeth Dunbar, July 24, MPR News</i> When people hear about Maria DeLaundreau's summer cottonwood planting project, they think she's crazy. Plant more of those messy trees? What about the seeds? They're also vital to the health of the floodplain forests.</p>
<p>In Lake of the Woods, growing algae blooms</p>	<p>Where are sunniest places in Minnesota? U grads</p>

[puzzle scientists](#)

John Enger, July 27, MPR News

In the dog days of summer, Nick Anthony wouldn't swim in Lake of the Woods unless some money was involved. "It gets green," he said. "For sure. It would take a pretty good bet form a buddy to jump in. It's pretty nasty."

[found out](#)

David Shaffer, July 27, Star Tribune

A team of seven graduate students at the University of Minnesota has found that answer, down to the square meter.

[Expensive land becomes a hurdle to growing young farmers](#)(with audio)

Mark Steil, July 27, MPR News

When Ryan Batalden graduated from college, he worked for a time in a Twin Cities office. But, Batalden, who grew up on a farm, always felt the tug of the land. He couldn't find any other affordable land to rent, and to buy land he would have had to spend more than \$3,000 an acre, which was out of reach.

[Henderson hosts its sixth annual Hummingbird Hurrah](#)

Suzy Rook, July 28, SouthernMinn

Birders, gardeners, photographers and nature enthusiasts are invited to the Henderson Hummingbird Hurrah.

[Not in my backyard: US sending dirty coal abroad](#)

July 28, Statesman Journal

As the Obama administration weans the US off dirty fuels lamed for global warming, energy companies have been sending more of America's unwanted energy leftovers abroad.

[Crude oil pipelines exposed near Minnesota River](#)

July 29, Kare11

Flooding and erosion have exposed oil pipelines along the Tamarac River in northwestern Minnesota. MPR reports three of seven Enbridge Corporation pipelines that carry crude oil from Canada across Minnesota are not visible.

[Granite Falls investment to improve turbine efficiency](#)

Scott Tedrick, July 29, Granite Falls News

Granite Falls City Council members voted unanimously Monday evening to move ahead with a \$219,000 investment into the hydro electric turbines at the Granite Falls Dam that is expected allow the city-owned utility to realize an estimated 14% increase in energy generation.

[Mayfly swarm – of "bug derecho" – signals cleaner environment](#)

Jack Williams, July 29, The Washington Post

The millions of mayflies that lit up the La Crosse, Wisc., weather radar on July 20 are a sign that the water of the Mississippi River is markedly cleaner than just a few decades ago.

EVENTS

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.

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.

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.

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.

35th Annual West Newton Day

Sunday, August 3, 2014 @ 1-4 p.m.

Location: Harkin Store

Brief Description: The 35th Annual event celebrates the heritage of the Minnesota settlement of West Newton that existed halfway between New Ulm and Fort Ridgely from 1856 to 1901. Historical photographs from Bob and Agnes Gleisner will be on display, as well as the history of the Alexander Harkin family. He was the founder of the 1870's Harkin Store. We invite any descendants of West Newton's earliest settlers to share their stories and any photographs for the special event. We will be able to copy any information and photos for you.

For more information on the store and the event call the Nicollet County Historical Society (507) 354-8666 or Nicollet (507) 934-2160.

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.

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 American 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.

Got Milkweed?

Saturday, August 9, 2014 @ 10 a.m. – 12 p.m.

Location: 14047 20th St, NW Watson, MN 56295

Brief Description: Laura Molenaar, educator IOLondon/Spicer and Wendy Caldwell, coordinator with Monarch Join Venture are going to present a program on Monarch butterflies, including monarch biology and migration. The program starts at 10 a.m. with hands on learning stations following at approximately 10:45 a.m. including monarch tagging (weather and monarchs cooperating). This program is sponsored by Lac qui Parle State Park. No vehicle permits are required as the education center is on WMA land. This event is a collaboration between the DNR and CURE in the effort to get more people out on the landscape enjoying all that southwestern Minnesota has to offer.

For more information call (320) 734-4450 or go to the [event's page](#).

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.

Aug 11 - Aug 17

Minnesota River Watershed Alliance Quarterly Meeting

Tuesday, August 12, 2014 @ 6 p.m.

Location: Ridgewater College, Hutchinson, MN

Brief Description: A report of the recent Minnesota River Congress will be a main discussion topic at the quarterly meeting of the Minnesota River Watershed Alliance. A potluck meal begins at 6 p.m., followed by the meeting at 7 p.m. Everyone is welcome to attend. The MRWA 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.

For more information contact [Lori Nelson](#) (952) 858-0737, [Scott Sparlin](#) (507) 276-2280 or [Patrick Moore](#) (877) 269-2873.

Soil Health and Cover Crops Field Day

Tuesday, August 12, 2014 @ 9:30 a.m. - 12 p.m.

Location: Jim Purfeerst Farm, 7803 240th St., Faribault, MN

Brief Description: Don't miss this chance to view annual ryegrass, tillage radish, white clover cover crop seeding into standing corn on June 25. Agenda includes:

- Tour of cover crop plots and tillage comparison plots
- Helicopter on hand to aerial seed cover crop (weather permitting)

- Expert analysis on strip tillage economics
- Principles of Soil Health presentation
- Local farmer panel discussing cover crop experiences
- Crop consultant experiences with cover crops

Pork producers will provide lunch free of charge, thanks to our sponsors.

Please RSVP by August 6 by calling Rice SWCD at (507) 332-7418 x3 or email debbie.skarupa@mn.nacdn.net.

The Prairie and Big Woods Series

Thursday, August 14, 2014 @ 7 p.m. and Thursday, September 11 @ 7 p.m.

Location:

Brief Description: Please join us for our two-part trail tour presented by Scott Kudelka, Minneopa Area Naturalist. The two programs, one in August and one in September, will take place out on the Traverse des Sioux trails and will teach participants about the two very different landscapes on either side of the Minnesota River – the Prairie and the Big Woods. During the Prairie tour we will learn how prior to Euro-American settlement of southern Minnesota, the tall-grass prairie dominated the landscape through the Minnesota River basin. A hike through our restored prairie will give us a chance to learn about some of the plants and wildlife found in this ecosystem. Scott will talk about its benefits to the natural environment and how people over time have viewed and managed it as a resource. During the Big Woods program, we will examine how these forests formed in the first place, some of the rare species found in this ecosystem and its history over time. The dense forest dominated by maple and basswood once covered a 3,000 square mile area of southern Minnesota reaching all the way to present-day Mankato. Called “Bois Grand” or “Big Woods” by early French explorers, it was recognized as a distinct area from the band of hardwood forests. Both parts of the series are free and open to the public.

For more information contact [Alyssa Auten](mailto:Alyssa.Auten@mn.nacdn.net) (507) 934-2160.

6th Annual Hummingbird Hurrah

Saturday, August 16, 2014 @ 9 a.m. - 5 p.m.

Location: Bender Park, 200 N. 3rd St, Henderson, MN

Brief Description: This free birding festival offers people of all ages a relaxing time in or near the garden enjoying antics of the ruby-throated hummingbird. These tiny flying jewels can be seen in large numbers in August as they stop in Henderson at feeders and nectar producing plants on their southward journey to Mexico and Central America, where they spend the winter. The Hummingbird Hurrah is produced by Henderson Feathers and sponsored by the Minnesota River Valley Audubon Chapter. The festival promotes understanding, appreciation, and enjoyment of these amazing little birds. A licensed hummingbird bander catches and bands birds, allowing visitors to see them up close and learn about hummingbird research. The Hummingbird Hurrah includes a garden tour, speakers, book signing sessions, children's activities and a Hummingbird Mall with food, art, craft specialty, and information vendors.

For more information go to <http://www.hendersonhummingbirdhurrah.com/> or call (612) 229-5210.

Causes of the US Dakota War and Battlefield Tour (John LaBatte/New Ulm Battery/Dan Cochran)

Saturday, August 16, 2014 @ 1 p.m.

Location: Fort Ridgely

Brief Description: The causes of the US Dakota War in 1862 were many and complicated. Independent Historian John LaBatte will examine these. At least nine of John's Dakota and white ancestors were involved in the US Dakota War of 1862, The New Ulm Battery will be here to assist John in his Battlefield Tour to give visitors a feeling of what it would have been like to hear canon fire on the Parade grounds. They will demonstrate the use of black powder as well as talk about what it was like for the soldiers during the US Dakota War in 1862. Dan Cochran will be here to demonstrate and sell his homemade leather work. Join LaBatte, the New Ulm Battery, and Dan Cochran for the 1 p.m program and again for the 2:30 p.m. battlefield tour. 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) 766-0993.

Le Sueur Tigers Tour

Sunday, August 17, 2014 @ 12-4 p.m.

Location: WW Mayo House

Brief Description: The historic WW Mayo House will be open for tours from 12 – 4 p.m. with a special interpretation about the Le Sueur Tigers. View the marker honoring the Le Sueur Tigers placed in Louise Park adjacent to the Mayo House. This marker was dedicated on August 19, 2012, which is a date of significance for the Le Sueur Tigers as 150 years to that date, on August 19, 1862, Le Sueur militia volunteers quickly organized into two companies named the Le Sueur Tigers #1 and 2 and they went to New Ulm on August 19 and 20th, 1862. Hear how the tigers had willingly left their families and the safety of their area to assist their fellow citizens in New Ulm during the US/Dakota War of 1862. Learn more about Dr. WW Mayo's involvement with the Le Sueur Tigers and what his family was doing while he was away in New Ulm with the Tigers.

For more information contact [Becky Pollack](#) (507) 665-3250.

JOB ANNOUNCEMENTS	
BIOLOGICAL SCIENCE TECHNICIAN	
Department	Department of Interior
Closing Date	July 30, 2014
Location(s)	Saint Paul, MN
Who May Apply	All qualified job seekers
Responsibilities	Identify, inventory and document river otter, other wildlife species and bird populations within the MISS corridor, partnership sites and on public lands. Review existing field protocols and wildlife monitoring and surveying procedures. Research and develop optimal field survey, data collection and sampling methods. Develop written field survey, sampling and data collection protocols for use by field technicians and volunteers. Cooperate with park partners, private land owners and volunteer field workers to access work sites and implement field work. Seek and submit grant proposals to support research when possible. Record data using appropriate multimedia resources including digital photography, hand-held GPS devices, ArcGIS software, and MS Word and Excel. Record, analyze and summarize

field data for presentation and publication to supervisors, coworkers, partners, at professional meetings and for the MISS website. Prepare written summaries and reports of field data for distribution at regional meetings and conferences.

Plan, coordinate and oversee exotic plant control operations including pesticide applications and non-chemical control methods. Maintain necessary records of treatment (e.g. herbicide spray reports); identify native and non-native plants using plant keys and a knowledge of plant taxa of the Eastern United States. Assess plant control effectiveness and prepares reports for use by scientists, managers, park staff, cooperators and partners.

Recruit, schedule and lead individual or groups of volunteers to conduct field investigations, collect samples and record multi-faceted field data. Provide on-the-job training to educate volunteers and coworkers in species identification, data collection, equipment use and water and ice safety. Work closely with Park Volunteer Coordinator in recruiting, record keeping and handling volunteer management needs.

Manage logistics and scheduling for field investigations; schedule, maintain and operate field equipment, vehicles, boats, and motors; assess equipment needs including upkeep and maintenance; order, organize, and prepare equipment and supplies for field work. Use small boats, motorboats and government vehicles to reach worksites and conduct field work. Have NPS MOCC certification to operate MISS motorboats for safety patrol at volunteer cleanups or other partner events. Traverse difficult terrain using kayaks, canoes or snowshoes; often working in challenging field conditions including rain, heat, cold, humidity, and severe weather.

For more information and how to apply go to <https://www.usajobs.gov/GetJob/ViewDetails/376256400>.

NUTRIENT MANAGEMENT SPECIALIST

Department	Rice County SWCD
Closing Date	August 2014
Location(s)	Rice County
Who May Apply	All qualified job seekers
Responsibilities	The nutrient management specialist will work with landowners to assist with the development of nutrient management plans to meet the goals of the State of Minnesota's feedlot rules and/or Natural Resources Conservation Service Comprehensive Nutrient Management Plan requirements. This includes assisting landowners with manure application calibration and nutrient sampling. This position is under the general supervision of the District Manager. Work area will include the counties of Rice, Steele, Goodhue, Wabasha, Dodge, and Freeborn. For more information and how to apply go to Rice County SWCD's website .

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>
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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>

CAMBRIDGE AREA WMA MANAGER	
Department	Fish & Wildlife/Region 3, Minnesota Department of Natural Resources
Closing Date	July 31, 2014
Location(s)	Cambridge, MN
Who May Apply	Only current employees in this agency
Responsibilities	<p>The purpose of this position is to manage, develop, and protect the wildlife populations and habitats within the Cambridge Wildlife Management Area. Also, to gather information and disseminate it so that the Department may formulate resource policies, to acquire relevant tracts of land, to participate in leading wildlife management in the Central Region, and to provide information and assistance to the public for proper enjoyment of natural resources.</p> <p>For more information and how to apply go to Minnesota State Jobs website, Posting # 14DNR000513.</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 required periodically throughout the year. Extended work days and some weekend work may be required.</p> <p>For more information and how to apply go to Minnesota State Jobs website, Posting # 14DNR000516.</p>

DISTRICT APPROPRIATION SUPERVISOR

Department	Ecological & Water Resources, Minnesota Department of Natural Resources
Closing Date	August 4, 2014
Location(s)	Morris, MN
Who May Apply	All qualified job seekers
Responsibilities	<p>This position exists to ensure sustainability of the State's groundwater and surface water resources through management of water appropriations and supervision of staff within the Ecological and Water Resources Central Region North District. The incumbent may also complete work assignments that involve state-wide projects and policy.</p> <p>For more information and how to apply go to Minnesota State Jobs website, Posting # 14DNR000490.</p>

FISH & WILDLIFE ADMINISTRATOR/SUPERVISORY WILDLIFE BIOLOGIST

Department	Department of the Interior
Closing Date	August 7, 2014
Location(s)	Fergus Falls, MN
Who May Apply	All qualified job seekers
Responsibilities	Serves as the Project Leader for the U.S. Fish and Wildlife Service (Service), Region 6, Habitat and Population Evaluation Team (HAPET) Office.

Supervises the primary HAPET Offices in Bismarck, ND and Fergus Falls, MN in addition to projects and employees located throughout 16 states in two Service regions.

Provides leadership to the HQ Office on the Service's National Wildlife Refuge System and Migratory Bird Programs as the recognized expert on HAPET and Strategic Habitat Conservation (SHC). This includes development of new and innovative scientific approaches that will guide the Service and other partners decision making regarding land protection and conservation.

Advises, initiates and implements regional, national and international partnerships. Informs and influences policy decisions at national, regional and state scales.

Provides technical support for the North American Waterfowl Management Plan (NAWMP) and other national and international migratory bird conservation initiatives, including serving on the NAWMP Science Support Team. Provides technical assistance to all Service programs regionally and nationally, and to joint ventures in the United States, Canada and partnerships in Mexico on the theory and practice of migratory bird conservation.

PHYSICAL DEMANDS AND WORK ENVIRONMENT: The work seasonally requires some moderate physical exertion such as walking over uneven, muddy areas and wetlands to conduct field work, train field personnel, and oversee field exercises. Much of the work is performed in an office setting; however, travel may be required in approved small watercraft and off-road vehicles, with moderate discomfort from exposure to wind, low and high temperatures, insects, and airborne particles and dust.

For more information and how to apply go to
<https://www.usajobs.gov/GetJob/ViewDetails/375987300>.

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	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.

For more information and how to apply go to [Minnesota State Jobs website](#), Posting # 14DNR000512.

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>

"The ultimate test of man's conscience may be his willingness to sacrifice something today for future generations whose words of thanks will not be heard." - Gaylord Nelson

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.