



Minnesota River Weekly Update

December 31st, 2013

Minnesota state parks and trails offer 'First Day Hikes' as part of nationwide effort to start the new year in a healthy way

Looking for an invigorating way to kick off the New Year? The DNR encourages people to ring in 2014 with a First Day Hike on Wednesday, Jan 1, at a state park or trail. All 50 states are participating in the third annual event that invites everyone to celebrate the New Year amid the sights, sound, and wonder of the natural world with fun, guided hikes. Check out the maps online or ask a staff person to recommend a route. First Day Hikes will take place in Minnesota on Jan. 1 at:

- Afton State Park (Hastings) 10-11:30 a.m.
- Gateway State Trail (St. Paul) 2-3:30 p.m.
- Jay Cooke State Park (Carlton) 1-2:30 p.m.
- Lake Carlos State Park (Alexandria) 1-2:30 p.m.
- Minneopa State Park (Mankato) 10-11:30 a.m.

A vehicle permit is required to enter Minnesota state parks (\$5 for one day or \$25 for year round). Last year, First Day Hike hosted 22,000 people, who covered nearly 44,000 miles in 700 state parks all across the country, according to Priscilla Geigis, president of the National Association of State Park Directors.

For more information go [online](#) or contact the DNR Information center at info.dnr@state.mn.us or call (651) 296-6157

Minnesotans age 16 or older fish free with kids Jan. 18-20

Minnesotans age 16 or older can try ice fishing or spear fishing without purchasing an angling or spearing license if they take a child younger than 16 fishing during Take-a-Kid Ice Fishing Weekend Saturday, Jan. 18 - Monday, Jan. 20, according to the DNR. "Take-a-Kid Ice Fishing Weekend is a great opportunity for family and friends to get those special kids in their life outdoors enjoying the fun and beauty of Minnesota winter," said Roland Sigurdson, DNR aquatic education supervisor. "What better way to celebrate our winter heritage than

by passing on the tradition of ice fishing." For some ice fishing tips from DNR's MinnAqua Program visit the [MN DNR website](#).

ARTICLES

Northwest Minnesota wolf season closes

Elizabeth Dunbar, Dec. 27, MPR News

Wolf hunters in Minnesota have reached the overall target the MN DNR set for the year. Hunters have killed 223 wolves this year, just over the target of 220, DNR officials say.

FDA moves to protect potency of antibiotics

Dec. 27, Star Tribune

The use of the drugs in farming is a key issue in slowing bacterial resistance. The US FDA is to be commended for giving livestock producers and the animal pharmaceutical industry a recent, overdue push to take this critical public health responsibility more seriously. Minnesota, as one of the nation's top hog and poultry producers, should be at the forefront of making the sensible changes the FDA is calling for.

Historic farm near Victoria gets grant for exhibits

Tom Meersman, Dec. 28, Star Tribune

Three Rivers Park District will receive \$95,300 to install interpretive exhibits in one of the state's most important historic farm homes. The grant from the Minnesota Historical Society will be used at the Wendelin Grimm Farmstead in Carver Park Reserve near Victoria.

Minnesota bracing to b-r-r-r-ing in New Year with subzero cold

Paul Walsh, Dec. 29, Star Tribune

Northern Minnesota began wrestling with the cold Saturday night. What's left of 2013 is about to tumble into a frigid free fall in the Twin Cities area, with forecasters seeing little to no chance of being on the plus side of zero degrees in the days ahead.

DNR looks to buy more than 400 acres along the Vermillion River

Laurie Blake, Dec. 29, Star Tribune

Construction of a recreational trail between Hastings and Farmington along the Vermillion River is decades away, but Dakota County is working now to nail down the purchase of a piece of property that could decide if it is ever completed – and it could have help from the state DNR.

Strengthening our region's response to climate change

Brendon Slotterback, Dec. 30, TC Daily Planet

On Dec. 4th, the Metropolitan Council, meeting as the Committee of the Whole, discussed a draft of Thrive MSP 2040, a version of which will soon be the latest long-range planning document for the region. State statute requires the development of this plan every ten years, and local comprehensive plans must be "compatible" and "conform" to the plans for metropolitan systems.

Organics not always as green

Annie Shapiro, Dec. 30, Minn 2020

This week we pick up Minnesota 2020's [environmental op-ed series](#) with a look at how green organic food really is. This organic diet heralded by the "green" food movement involves food that travels thousands of miles before it reaches a consumer's plate and may use more fuel and resources that non-organic produce would. Local foods are often the greenest. But that's an especially difficult problem to overcome here in Minnesota.

Thinking ahead: Sustainability for future top of mind as Minnesota's Producer of the Year ushers in fifth generation

Heidi Clausen, Dec. 30, The Country Today

Charles Krause said he never sought the extra attention that comes with being named the Minnesota Milk Producers Association's Producer of the Year. But "it's nice to get recognized for what you do every day," he said.

EVENTS

Dec. 30 - Jan. 5

News Year's Eve at the Lake

Tuesday, December 31, 2013 @ 6 p.m.

Location: Department of Soil, Water and Climate at the University of Minnesota

Brief Description: Enjoy a presentation from U of MN Professor Mark Seely on *Minnesota's Weather History: Storms, stories, and significant events*. Minnesota is paradise to a weather enthusiast because of its rich history of climate observations as well as documentation of significant and traumatic historical events and episodes driven by weather. Our culture, our societal infrastructure, our landscape has been indeed shaped by weather. Sharing our history through stories and showing how our climate behavior has shaped our lives will be an emphasis of this presentation, along with sharing a few fun facts. Appetizers start at 6 p.m. and presentation follows dinner. Adults are \$30 and \$18 for kids aged 5-12.

For more information and how to register email the [Audubon Center](#) or call (888) 404-7743 or (320) 245-2648

First Day Hike

Wednesday, January 1, 2014 @ 10-11 a.m.

Location: Minneopa State Park, Mankato

Brief Description: Go for refreshing and invigorating hike on the first day of 2014 at Minneopa State Park. The area naturalist will lead a guided hike from the Group Campground down to the confluence of Minneopa Creek and the Minnesota River. On the way we will stop to take in the view of a wintery landscape and talk about some of the cool natural and historical facts of the area. To participate in the First Day Hike, meet at the parking lot of the Group Campground on the campground side of Minneopa State Park at 10 a.m. Wear shoes and clothing appropriate for walking on a winter morning. Be prepared for slippery and uneven walking conditions. Bring drinking water. The hike will last approximately an hour and a half.

For more information email [Scott Kudelka](#) or call (507) 384-8890

Elk's Nature Center Revitalization Project - Nature Center Docent

Thursday, January 2, 2014 @ 5-9 p.m.

Location: Elks. Nature Center in Rasmussen Woods, Mankato

Brief Description: Open up the area nature center. Assist with facility management and maintenance. Learn about Rasmussen Woods and environmental attributes of our region. Share our information and knowledge with visiting guests. As time moves on...develop and implement environmental programs that support life-long, environmental learning and community building!

For more information and to RSVP visit the [Elk's Nature Center Revitalization VolunteerSpot page](#).

Jan. 6 - Jan. 12

Northern Green Expo

Wednesday, January 8 - Friday, January 10, 2014

Location: Minneapolis Convention Center, Minneapolis

Brief Description: The expo takes on social challenges related to pollution, natural resources and climatic changes need to be handled before it becomes too late. The expo has been dedicated to provide the future generation a greener planet and life. The innovation done in technologies promises to bring forth a healthier world for the future generation. The search for locating solution to environmental problems can be found here.

For more information on the programs offered, featured speakers, and the trade show visit [Northern Green Expo website](#).

Minnesota Organic Conference

Friday, January 10 - Saturday, January 11, 2014

Location: River's Edge Convention Center, St. Cloud, MN

Brief Description: The Minnesota Organic Conference offers learning and

networking opportunities for people new to organic production as well as for those who are old hands at it. Farmers, researchers, educators, technical assistant providers, and business owners will have plenty of time to talk and learn together. The educational program is complemented by an 80-vendor trade show.

Friday Agenda:

8 a.m. Registration
9 a.m. Presentations
10 a.m. Trade Show
10:45 a.m. Conference Welcome and Keynote Address (Charlie Johnson, Johnson Farms)
11:45 a.m. Lunch and Trade Show
1:15 p.m. Presentations
2:45 p.m. Trade Show
3:30 p.m. Presentations
5 p.m. Reception and evening social sponsored by Minnesota Farmers Union

Saturday Agenda:

7:30 a.m. Registration
8 a.m. Presentations
9 a.m. Trade Show
9:45 a.m. Presentations
10:45 a.m. Trade Show
11:15 a.m. Keynote Address (Miles McEvoy, National Organic Program)
12:15 p.m. Lunch and Trade Show
1:45 p.m. Presentations
2:45 p.m. End of Conference

We strongly recommend that you register by mail. However, we also accept walk-in registration at the door. Meals are included in the registration fee, but guaranteed only if you register before Tuesday, December 31, 2013. For more information and how to register visit the [events brochure](#).

Nature's Nook

Friday, January 10 - January 11, 2014 @ 8:30 - 11:30 a.m.

Location: Elk's Nature Center in Rasmussen Woods, Mankato

Brief Description: Nature's Nook is an environmentally-based monthly program for pre-K through middle school children and their families. Together and through the beauty of Mankato's own Rasmussen Woods, we will promote literacy through stories and activities that explore our natural world. Sessions include story time, activities, games and a short lesson through the monthly topic.

For more information call MSU Mankato Community Engagement (507) 389-5789.

Jan. 13 - Jan. 19

Workshop: Native Plants, Raingardens and Lawn Care for Water Quality
Monday, January 13, 2014 @ 6-8 p.m.

Location: Mississippi Market, 7th Street, St. Paul, MN

Brief Description: Whether you're interested in a smaller native planting or want to transform your whole yard into a force for clean water in 2014, this FMR workshop can help you jumpstart your spring planning. We'll also touch on ways to make your yard river-friendly this winter. We will discuss:

- Ways to provide sidewalk traction in winter, possibly eliminating or reducing salt runoff
- What needs to be picked up from yards in winter to reduce pollution
- Landscaping with native plant species
- The proper use of lawn fertilizer
- Backyard composting
- Soil testing
- Creating a rain garden
- Additional innovative approaches to managing stormwater

This is a free workshop. We invite you and your friends to join us in learning how to make your impact on the watershed a positive one! Register and learn more by visiting the [FMR event page](#).

Citizen's Frac Sand Summit

Saturday, January 18, 2014 @ 9 a.m. - 4:30 p.m.

Location: Tau Center, Winona

Brief Description: At this summit Minnesotans and nature enthusiasts will build their power to keep frac sand mining out of this region and create vibrant, sustainable communities. Topics and workshops include:

- Frac sand mining's impact on farmland
- Frac sand mining's role in extreme energy extraction
- Ensuring that state regulations put public health and well-being before corporate profits
- Understanding the threat to human health from exposure to silica dust
- Using township rights to control frac sand mining
- and more!

Featured speakers include: John Linc Stine, Commissioner of the MPCA; Jennifer Krill, executive director of EarthWorks; Michael McCawley of the School of Public Health Program at the University of Wisconsin Eau Claire. Cost is \$10 and includes lunch of local foods.

For more information and to register visit [LSP Citizen's Frac Sand Summit event page](#).

Wild about Wildlife

Saturday, January 18, 2014 @ 1-2:20 p.m.

Location: Elk's Nature Center at Rasmussen Woods, Mankato

Brief Description: Join the Minneopa Area Naturalist Scott Kudelka for an interpretative program on Minnesota wildlife. What is the one candid who climbs trees? Who can swim underwater for 100 feet without taking a breath? How does a river otter stay warm in the winter? These questions and many more will be answered in the Wild about Wildlife program. Each mammal has adapted to survive in their natural environment and we will look at some of the more interesting characteristics of 14 different mammals including the badger, coyote, and skunk. We will use the furs of the 14 different mammals to show how each one is unique in their own way. There will be a number of hands-on activities including "Guess the Critter."

For more information email [Scott Kudelka](#) or call (507) 384-8890

Candlelight Ski, Snowshoe and Walk

Saturday, January 18, 2014 @ 5-8 p.m.

Location: Minneopa State Park, Mankato, MN

Brief Description: Gather with friends, neighbors, and others to enjoy the natural wonders and beauty of the winter season at the Minneopa Group Campground. Come out to enjoy an ice candle lit trail groomed for both cross-country skis and snowshoes cutting through a floodplain forest. A blazing bonfire along with hot cocoa and cookies will be part of this festive event. The event will take place even if there is no snow on the ground. Co-sponsored by the Friends of Minneopa, this nonprofit, volunteer organization of citizens strive to preserve, manage and promote the resources of this state park.

For more information on the event email [Scott Kudelka](#) or call (507) 384-8890.

Jan. 27 - Feb. 2

Fracking: What we know and don't know about its impact on water

Friday, January 30, 2014 @ 7-9 p.m.

Location: Student Center, University of MN, St. Paul Campus

Brief Description: The speaker at this presentation is Robert Jackson, a Duke University environmental scientist who led some of the first peer-reviewed research on the hydraulic fracturing for oil and gas and its impact on groundwater. This is sponsored by the Freshwater Society and the University of Minnesota College of Biological Sciences, and it is a FREE and open public lecture. All are invited to come and join the discussion surrounding fracking.

For more information and to register visit [Freshwater Society](#).

Feb. 3 - Feb. 9

Water Policy and Management
Wednesday, February 5, 2014 @ 6:30-8 p.m.

Location: Wildwood Branch-Washington County Library, Mahtomedi, MN

Brief Description: The trends of consistently lowering lake levels and drawing from river water to aid drought-burdened areas force us Minnesotans to face the troubling issue of where Minnesota's beloved, iconic resource is going and how to maintain it better. Join Izaak Walton League members and concerned residents for a relevant discussion on recently passed water policy legislation, and upcoming water management legislation changes. At this discussion you can learn much about water management and weigh in with your thoughts. This is a free and open event. There will be light refreshments provided.

For more information on the email [John Siekmeier](mailto:John.Siekmeier@mn.gov).

13th Annual Road Salt Symposium
Thursday, February 6, 2014

Location: University of MN Landscape Arboretum, Chaska, MN

Brief Description: The 13th Annual Road Salt Symposium will feature information about the current state of chloride in MN waters. Learn about innovative tools and new methods to maintain safe roads while repairing our waters and sustaining our resources. If your transportation department is looking for solutions, your waterways are threatened by chloride, you want to educate your citizens, or you are looking to do your part to protect our waters- you won't want to miss this symposium!

Agenda highlights include:

- Keynote features success stories from a few "teachable moments" from local transportation departments
- Virginia's initiative to recycle salt runoff
- New Hampshire's new liability legislation for certified salt applicators and property owners
- Update on the current state of chloride in Metro area waters
- Super-sized winter maintenance equipment
- New findings on chloride in our groundwater
- 2014 Environmental Leadership Award
- Attendees earn Roach Scholar Credits

Please register by Feb. 1, 2014. Cost for the day is \$125 (\$85 seniors and students) which includes a continental breakfast and buffet lunch. Entrance into the Arboretum is complimentary.

For more information and to register visit the [Annual Road Salt Symposium](http://www.road saltsymposium.org) webpage

Feb. 17 - Feb. 23

Conservation Tillage Conference
Tuesday, February 18 - Wednesday, February 19, 2014

Location: Holiday Inn and Suites, St. Cloud, MN

Brief Description: Conservation tillage is the focus of the ninth annual University of Minnesota Extension Conservation Tillage Conference and trade show. This conference emphasizes proven farm experience and applied science. Straight from the trenches, learn how heavier, colder soils aren't necessarily the challenge they're made out to be. And, what have long-time no-tillers and reduced-tillage farmers learned that could spare you the same lessons? Conference highlights include: weed species shifts and control; nutrient management in high-residue systems; strip till strategies straight from veteran farmer practitioners; subsurface drainage options; proven crop strategies for your system to anchor nutrients, manage soil moisture extremes and provide free nitrogen; soil health improvements with reduced till systems; climate trends and soil resiliency; vendor sessions: learn about new equipment, products and technology.

For more information on featured speakers, program agenda and the trade show visit the [9th Annual Conservation Tillage Conference website](http://www.conservativedtillage.org) or email [Jodi DeJong-Hughes](mailto:jodi@conservativedtillage.org) or call (320) 815-4112

Five Senses Hike
Sunday, February 22, 2014 @ 7-8 p.m.

Location: Minneopa State Park

Brief Description: Go stomping through the snow at Minneopa State Park on a Five Senses Snowshoe Hike. We will go for a hike through the woods and along the Minneopa Creek Valley down to the confluence with the Minnesota River using no artificial light source. On the route we will stop a number of times to talk about how we use our five different senses (hearing, taste, sight, touch and smell). We will be out for about an hour and please dress appropriately. Night present a whole new world to most of us. Very few of us spend extended periods of time in the dark and some people may even become fearful to the night. As humans we are constantly trying to reduce the fun of being outside after dark. Please meet at the group campground area on the campground site of Minneopa State Park. Snow shoes can be rented at the park by calling (507) 389-5464 or stopping at the office.

For more information email [Scott Kudelka](mailto:Scott.Kudelka@state.mn.us) or call (507) 384-8890

JOB ANNOUNCEMENTS

| WATER QUALITY COORDINATOR | |
|---------------------------|---|
| Department: | Minnesota Department of Agriculture |
| Closing Date: | January 3, 2014 |
| Location(s): | Rochester, MN |
| Who May Apply: | All qualified job seekers |
| Responsibilities: | <p>Close working relations with crop producers, crop advisors, fertilizer dealers, SWCD and NRCS staff, university researchers, and extension educators. Opportunity for individual creativity and pursuing new techniques and technologies. Contributes to Minnesota's quality of life through improved water quality. Part of a close-working and dedicated team involved in a wide mix of activities including design and implementation of field demos, one on one consultations, and presentations at field days and conferences. Opportunities and budget for professional development. Competitive salary, excellent benefits, state of the art equipment, and strong program support.</p> <p>This position will be filled as either a Soil Scientist 1 (13AGR000125) or Soil Scientist 2 (13AGR000124) based on the qualifications of the selected candidate. This position will be responsible for preventing and minimizing degradation of water quality in southeast Minnesota through the promotion, evaluation, and development of crop nutrient best management practices (BMPs) (www.mda.state.mn.us/nitrogenbmps) 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.</p> <p>www.mda.state.mn.us/chemicals/fertilizers/nutrient_mgmt/nitrogenplan.aspx</p> <p>For more information and how to apply visit www.career.state.mn.us Posting # 13DNR000125 or 13DNR000124</p> |

BOAT AND WATER SAFETY AND REC. ADM

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|--------------------------|---|
| Department: | MN DNR |
| Closing Date: | January 6, 2014 |
| Location(s): | Saint Paul, MN |
| Who May Apply: | All qualified job seekers |
| Responsibilities: | <p>The Ramsey Conservation District (RCD) seeks a self-motivated individual to assist with best management practices (BMPs), water quality improvement, natural resource planning, and stormwater management programs.</p> <p>DUTIES AND RESPONSIBILITIES INCLUDE (but not limited to):</p> <ul style="list-style-type: none"> • Design and implement stormwater management and other BMP projects • Give presentations and support outreach activities • Identify vegetation for BMP inspections • Model for hydrologic and pollutant loading using GIS, WinSLAMM/P8, and HydroCAD • Oversees the inventory, use, and maintenance of equipment for natural resource management <p>For more information check out the official Natural Resource Specialist job announcement.</p> |

NATURAL RESOURCE SPECIALIST

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|--------------------------|---|
| Department: | Ramsey Conservation District |
| Closing Date: | January 10, 2014 |
| Location(s): | Arden Hills, MN |
| Who May Apply: | All qualified job seekers |
| Responsibilities: | <p>This position provides professional administration for Department of Natural Resources (DNR) Boat & Water Safety and Recreation programs, including public outreach and assisting with Surface Use/restriction permit applications. For all programs/assigned projects, gather, analyze information, monitor expenditures, ensure compliance, prepare and submit reports and keep records. Research and analyze existing work methods, systems and procedures. Revise procedures and forms to enhance program and cost effectiveness.</p> <p><u>Major responsibilities include:</u></p> <p>*Water Surface Use/Restrictions program and Marine Event requests: Manage the application/review process to guide applicants to compliance with applicable policies, statutes and laws. Prepare joint powers agreements. Develop/prepare the recommendations for Enforcement Director to approve or deny. Track, notify parties, manage files and distribute results. Assist in proposing and drafting language for new or modified statutes, rules and policies. Respond to inquiries.</p> <p>*Budget related duties: Gather, analyze and monitor program expenditures for the Safety & Education Program and Water Recreation Program. Prepare and report regularly on all accounts. Track/monitor open encumbrances, direct cancellation when complete and ensure fit to budget. Find unusual, ineligible or</p> |

improperly coded expenditures and correct. Ensure compliance with state financial policies and US Coast Guard or US Fish & Wildlife Service grant eligibility requirements. Inform DNR staff of needed funding and project codes.

*Administer the Boat & Water Safety Program: Answer technical questions from the public. Interpret laws and rules. Apply for training courses, coordinate locations and registrations. Manage publication inventory and oversee distribution. Proofread new/revised publications. Maintain database of safety publications, materials and customers. Assist with displays/staffing at boat shows, etc. Review, summarize and file enforcement activity logs and report to the Boat and Water Safety Manager. Run queries and reports from AS400 database. Summarize/analyze survey data; report trends and recommend actions. Manage program records/files-transform to electronic records. Ensure calibration, send Sound Level Meters & Portable Breath Testers, verify returns. Assist in completing US Coast Guard reports. Coordinate awards program.

*Administer the Water Recreation Program (Public Water Accesses, Water Trails and Fishing Pier programs). Answer technical questions from public. Interpret laws/rules. Determine needed updates to Public Water Access website and maps; coordinate implementation. Coordinate Water Recreation supply and equipment orders, determine priorities and deliveries. Summarize/analyze boater survey data. Look for/report trends & needed actions. Manage program records and files; transform to electronic files. *Special Projects as assigned.

For more information and how to apply visit the [job announcement](#) webpage

NR FORESTRY REGIONAL SPEC, INSECT AND DISEASE

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|--------------------------|---|
| Department: | Forestry/Central Office, Minnesota Department of Natural Resources |
| Closing Date: | January 13, 2014 |
| Location(s): | St. Paul, MN |
| Who May Apply: | All qualified job seekers |
| Responsibilities: | <p>This position exists to manage the Forest Health Programs and the Urban and Community Forestry Programs in the Central Region.</p> <p>Responsibilities include:</p> <p>Collaborate with the State Forest Health Implementation Team to design, develop, and implement a comprehensive Minnesota Forest Health Program which offers training, materials, and assistance to Department of Natural Resources staff. Provide administrative and technical oversight of the Region Forest Health Program; develop and manage the Urban and Community Forestry Program; and design, coordinate and implement forest health surveys and assessments.</p> <p>Develop, analyze and interpret forest health information and management strategies to ensure management and the public is informed through public presentations, radio, television, news articles and scientific publications. Develop and deliver educational/informational resources and publications to various audiences to integrate and implement ecosystem-based pest management practices and educate selective and proper use of pesticides. Coordinate training activities with other divisions and agencies.</p> |

Operational Support: Monitor the work of Forestry Area Staff. Develop and deliver educational programs/materials. Train natural resource staff in the administration and implementation of forestry programs.

Formal Training: Complete formal Division of Forestry classroom and field training sessions as assigned.

Frequent travel is required to implement the Forest Health Program across the entire Central Region, and at times statewide.

For more information and how to apply visit www.career.state.mn.us Posting # 13DNR000865

OUTREACH COORDINATOR

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|--------------------------|--|
| Department: | MDA |
| Closing Date: | January 14, 2014 |
| Location(s): | St. Paul, MN |
| Who May Apply: | All qualified job seekers |
| Responsibilities: | <p>This position will coordinate, plan, develop, and implement Pesticide and Fertilizer Management Division's (PFMD's) public information efforts, annual reporting, and short and long term outreach programs. Programs will encompass all regulatory and some non-regulatory activities.</p> <p>This position will also be responsible for the MDA's Agricultural Fertilizer Research and Education Council (AFREC) homepage. In collaboration with MDA communication staff this position will provide training and support to PFMD staff. This position will also create concise and effective performance indicators which characterize PFMD regulatory and non-regulatory activities. Finally, this position will ensure effective delivery of public information regarding agricultural chemical emergencies impacting Minnesota.</p> <p>For more information and how to apply visit job announcementjob announcement webpage.</p> |

AGRIC ADVISOR, AGRICULTURAL CHEMICALS

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|--------------------------|---|
| Department: | Minnesota Department of Agriculture |
| Closing Date: | January 21, 2014 |
| Location(s): | St. Paul, MN |
| Who May Apply: | All qualified job seekers |
| Responsibilities: | <p>This position exists to provide project management 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 visit www.career.state.mn.us Posting #</p> |

13AGR000126

WATER QUALITY SPECIALIST

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|--------------------------|--|
| Department: | RMB Environmental Laboratories, Inc. |
| Closing Date: | January 2014 |
| Location(s): | Detroit Lakes, MN |
| Who May Apply: | All qualified job seekers |
| Responsibilities: | <p>Position responsibilities:</p> <ul style="list-style-type: none">• Assist surface water clientele in designing Lake and stream monitoring programs.• Act as lead personnel for on-site field services regarding lake, stream, groundwater, and drinking water monitoring programs (utilization of field Sondes, auto samplers, flow meters)• Data management: data entry, data organization, statistical analysis, trend analysis, charting and graphing, educational and scientific report writing and presentation• Attend / assist training and surface water workshops and presentations• Interpret water quality results to clientele via in person or through report formats.• Assist with online lakes monitoring database• Perform data submittal to Equis / STORET / EDGE• Maintain monitoring equipment and supplies• Support network of active parties, maintain open line of communication with clients and staff members• Coordinate surface water assessment grant (SWAG) programs, assisting with grant writing, project management, fiscal management and implementation of associated services.• Oversee field staff, maintain monitoring schedules• Responsible for learning the working knowledge of applicable standard operating procedures and equipment• Attend surface water conferences• Adhere to proper sample collection and preservation techniques and requirements• Entry and management of generated data by use of network data management software• Laboratory preparations associated with field SOP's• Participation in weekly team meetings• Assist where deemed necessary by Supervisors• Act as role model for work ethics, quality, and efficiency <p>For more information and how to apply view the position announcement.</p> |

INTERDISCIPLINARY: RESEARCH ECOLOGIST/ENTOMOLOGIST/BOTANIST/AGRONOMIST (POSTDOC RESEARCH ASSOCIATE)

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|----------------------|------------------------------------|
| Department: | Agricultural Research Service, MDA |
| Closing Date: | September 30, 2014 |
| Location(s): | Morris, MN |

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|--------------------------|--|
| Who May Apply: | All qualified job seekers |
| Responsibilities: | <p>The incumbent will develop a database and GIS-type model of pollen and nectar production for a wide variety of oilseed and legume crops that are adapted to the Upper Midwest and Northern Great Plains. Methods will include diurnal and seasonal analyses of individual flowers, biotic and abiotic influences on nectar and pollen production, and landscape simulations of daily and seasonal unit-area production given varying acreages of differing crop assemblages. The incumbent will sample plant materials and pollinator populations in field settings. The incumbent will operate agency vehicles as needed to travel to field sites.</p> <p>For more information and how to apply visit https://www.usajobs.gov/GetJob/ViewDetails/354271100</p> |

"A NATION THAT DESTROYS ITS SOILS DESTROYS ITSELF. FORESTS ARE THE LUNGS OF OUR LAND, PURIFYING THE AIR AND GIVING FRESH STRENGTH TO OUR PEOPLE."
- FRANKLIN D. ROOSEVELT

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.