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## Minnesota River Weekly Update

December 27th, 2013

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### **EQB extends public comment period on "Tools to Assist Local Governments"**

The EQB has extended the period for public comments on "Tools to Assist Local Governments in Planning for Regulating Silica Sand Projects" in response to requests from various stakeholders for additional time to review the document, the comment period has been extended to January 27, 2014. The document can be viewed and downloaded from the [EQB website](http://silicasand.eqb.state.mn.us). Comments can be submitted via email to [silicasand.eqb@state.mn.us](mailto:silicasand.eqb@state.mn.us) or to Jeff Smyser, 520 Lafayette Road North, St. Paul, MN 55155-4194.

### **Funding round opens for Surface Water Assessment Grants**

The Request for Proposal (RFP) process for Surface Water Assessment Grants (SWAG) is now open. Grants under this program are funded by the Minnesota Clean Water Fund. Grant contracts will be competitively awarded and authorized by the MPCA with up to \$750,000 in available funds for this grant round. All applications must be submitted through the SWIFT e-supplier portal and must be received no later than January 17, 2014 by 2 p.m. SWAGs provide local organizations, American Indian Tribal governments, and colleges and universities with funds to gauge the health of lakes and streams. The MPCA uses the data collected to determine if the lakes and streams support designated uses such as swimming and fishing. For more information on the program visit the [MPCA's SWAG](http://mnpca.org/swag) website. In order to view the RFP and the accompanying materials, applicants must have a SWIFT Vendor ID and Supplier Portal account. Registration instructions can be found on the [SWIFT e-supplier portal](http://mnpca.org/swag).

### **Minnesota River Watershed Alliance lobbies for Blueway project**

The campaign promoting the designation of the Minnesota River as a national Blueway likely will be among the top agenda items at the Minnesota River Watershed Alliance meeting January 21, 2013 at Ridgewater College in Hutchinson. Other topics at the meeting may include the future of Minnesota River basin organization in the wake of the Minnesota River Board pending dissolution, and consideration of other possible projects for the alliance in the coming year. The meeting begins at 7 p.m., preceded by a potluck meal at 6 p.m. The alliance has sent a letter to Secretary of the Interior Sally Jewell reaffirming its support of the Blueway Nomination. Hundreds of postcards with the same message have been distributed around the basin, and are being mailed to Jewell and the Department of Interior. For anyone wishing to send them, postcards are still available at these locations: CURE in Montevideo; DNR in New Ulm; Friends of Minnesota Valley; Minnesota Valley National Wildlife Refuge in Bloomington; Redwood Area Development Corporation; Granite Falls Chamber of Commerce; MPCA in Willmar; and from Scott Sparlin, Cathi Fouchi, and Ted Suss. You can also download postcards from the [MRWA News and Events webpage](http://mrwa.org/news-events), to be signed and mailed.



## ARTICLES

### **Protect 'wilderness' in the suburbs**

*Dec. 18., Pioneer Press*

I am writing to express my opinion on the proposed changes to Dakota County's Lebanon Hills Regional Park. As I listened to both sides of this proposal, it became very clear to me that the proposed changes to this pristine park are a major irreversible mistake.

### **Minnesota regulators to study power-sector pollution costs**

*David Schaffer, Dec. 19, Star Tribune*

Minnesota utility regulators on Thursday agreed to take a fresh look at whether the price of pollution is accurately reflected in the cost of electrical generating plants. The 4-1 vote by the state Public Utilities Commission sets in motion a lengthy and technical process to better calculate the social cost of smokestack emissions linked to climate change and human illnesses.

### **Environmental groups ask to extend comment period on PolyMet proposal**

*Elizabeth Dunbar, Dec. 20, MPR News*

A coalition on environmental groups on Friday asked state and federal officials to extend the public comment period for a controversial copper-nickel mine proposal.

### **Minnesota DNR advances work to protect lands, waters and species in 2013**

*Dec. 20, AmmoLand*

Minnesota -- The MN DNR is working hard to preserve and protect the state's environment through research and active conservation projects. For example, in 2013, the agency preserved more than 21,000 acres of conservation lands and initiated two major research projects to determine what's killing the state's iconic moose.

### **New tactics explored to protect groundwater**

*Mike Mosedale, Dec. 20, Politics in Minnesota*

SHOREVIEW - Amid mounting of concern over the depletion and contamination of Minnesota's groundwater supplies, the DNR, protection of the state's most threatened aquifers. The new approach portends a suite of future actions that could range from mandated changes in agricultural practices to the expensive re-engineering or municipal water systems

### **Taking a giant green gamble on biogas**

*David Schaffer, Dec. 21, Star Tribune*

Le Sueur, Minn. -- One of Minnesota's most ambitious green energy projects is flipping the 'on' switch. The odd-looking power plant, completed in November, is a collection of tanks and fabric bubbles resembling mini-Metrodomes.

### **Public, private sectors run together in agribusiness**

*Bonnie Blodgett, Dec. 21, Star Tribune*

I'll see Cargill's rebuttal to my earlier commentary and raise it by several issues. A month ago, I wrote a commentary that ran under the somewhat sensational headline "Agriculture's deal with the dark side" (Nov. 22). Cargill responded the following week. Its counterpoint was called "Agriculture's 'dark side' is highly overstated" (Dec. 2). I'm not sure why. The company made no attempt to address the issues I raised.

### **Warning issued for coming shortages of water**

*Bob Unruh, Dec. 22, WND.com*

People considering a move to a new city or region frequently check the job prospects, quality of the schools, crime rates, property values and possibly the shopping or entertainment venues. Soon, maybe, they'll have to ask whether there's enough water.

### **Think of the children: Eliminating inequality in outdoor recreation**

*Natalie Heneghan, Dec. 23, Minnesota 2020*

It's time again for Minnesota 2020's series of environmental policy co-op eds from Macalester

### **Scientists find Alaska hotspots for abnormal frogs**

*Benjamin Brasch, Dec. 24, Anchorage Daily News*

After a decade of national field research, scientists have found clusters of deformed frogs in three regions of the country, and Alaska is one



College students. Over the next two weeks, we'll feature articles that explore issues from food labeling to wolf hunting.

of the hotspots. Other areas include the Mississippi River Valley and California's Central Valley, where industrial-scale farms have been using agricultural chemicals for decades.

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## EVENTS

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**Dec. 23 - Dec. 29**

**Elk's Nature Center Revitalization Project - Nature Center Docent**  
Thursday, December 26, 2013 @ 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](#).

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**Dec. 30 - Jan. 5**

**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

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**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](#).

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**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](#).

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**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](#).

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**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.

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**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](#).

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**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](#).

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**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

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**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.

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**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. 17 - Feb. 22**

**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](#) or email [Jodi DeJong-Hughes](#) or call (320) 815-4112

**JOB ANNOUNCEMENTS**

HYDROLOGIST 2	
<b>Department:</b>	Ecological and Water Resources, MN DNR
<b>Closing Date:</b>	December 30, 2013
<b>Location(s):</b>	St. Paul, MN
<b>Who May Apply:</b>	Only current state employees
<b>Responsibilities:</b>	<p>This position will provide professional hydrologic, hydraulic and computer expertise to department stream flow, ground water and lake level monitoring efforts; including collecting, analyzing, managing, developing and disseminating data. This position provides a support role in the operation and maintenance of statewide water monitoring, data management, and technical analysis programs. The position reviews, and performs special studies and projects including data analysis and computer modeling.</p> <p>Job duties include:</p> <ul style="list-style-type: none"><li>• Assimilate and process water monitoring data collected by staff and provide technical assistance related to data processing and management to ensure data integrity within the data systems.</li><li>• Provide expert hydraulic and hydrologic analyses; review, recommend, and advise on water resource systems and projects, so that management decisions are consistent and based on the best available information. Prepare reports, training programs, presentations, articles, graphics and exhibits relating to water resource monitoring, management, and technical analysis so that appropriate data and information are provided to clientele.</li><li>• Operate and maintain DNR monitoring sites and manage data so that quality data is available for the wise management of surface water resources.</li></ul> <p>For more information and to apply visit <a href="#">careers.state.mn.us</a> Posting # 13DNR000883</p>



### HYDROLOGIST 3

<b>Department:</b>	Ecological and Water Resources, MN DNR
<b>Closing Date:</b>	December 30, 2013
<b>Location(s):</b>	St. Paul, MN
<b>Who May Apply:</b>	Only current state employees
<b>Responsibilities:</b>	<ul style="list-style-type: none"><li>• This position will provide high-level technical expertise in geologic and hydrogeologic map and report publication carried out within the county geologic atlas program and related special projects.</li><li>• The technical standards, report design research, publication development consultation, and product distribution recommendations by this position will be key to the future protection of ground- and surface waters in Minnesota.</li><li>• This position will establish scientific report preparation standards and develop designs, so the results in published and distributed geologic and hydrogeologic maps, reports, and data support the state's efforts to manage land and water resources sustainability. This program is carried out jointly with the Minnesota Geological Survey and the work of this program must be carefully coordinated with the MGS.</li><li>• The position will require frequent contact and on-going coordination with other state agencies such as the Minnesota Department of Health and Pollution Control Agency.</li><li>• This position will prepare Agency reports; geologic atlases, map plates, and atlas reports; present findings; conduct final edits of all map, report, and related products created by others; and ensure reports, maps, and data are distributed to diverse users in multiple forms.</li></ul> <p>For more information and to apply visit <a href="http://careers.state.mn.us">careers.state.mn.us</a> Posting # 13DNR000882</p>

### WATERSHED DISTRICT ADMINISTRATOR

<b>Department:</b>	Comfort Lake-Forest Lake Watershed District
<b>Closing Date:</b>	December 31, 2013
<b>Location(s):</b>	Forest Lake, MN
<b>Who May Apply:</b>	All qualified job seekers
<b>Responsibilities:</b>	<p>The District Administrator oversees the District's Mission and goals and represents the District's interest in the community. The Administrator oversees the administration of the District offices, and in conjunction with the District President and Board, the Administrator provides leadership and coordination in determining the District annual and long range budgets, programs and priorities. The Administrator also provides various technical services as required.</p> <p>MAJOR AREAS OF ACCOUNTABILITY:</p> <ul style="list-style-type: none"><li>• Coordinates program activities with agencies and organizations of interest to the District. Pursues cooperative ventures to expand and enhance District programs.</li><li>• Administers finance and accounting system and coordinates with accounting services consultant to maintain records, prepare checks for payment of invoices and prepare financial statements for the</li><li>• Board. Ensures all operations are conducted within budgeted guidelines.</li><li>• Assists in the preparation of the annual audit as needed.</li></ul>



- Prepares and distributes monthly reports to the Board and staff regarding activities, accounting and current projects in a timely manner.
- Coordinates and develops District goals, policies, annual work programs, budgets and priorities.
- Seeks approval of plans from the Board and communicates approved plans to staff.
- Maintain communications with other watershed districts, governmental organizations, and community leaders to obtain information pertinent to District operations.
- Reviews and distributes District mail and forwards to staff as appropriate.
- Serve as spokesperson, maintain website, and write articles and press releases which clearly
- communicate District activities, policies and mission. Represent the District at meetings, seminars, and on committees.
- Manages District office space and equipment providing proper equipment for staff and ensures maintenance of equipment and security.
- Ensures that District records, files and public informational materials are maintained and current.
- Oversees outside contractors, consultants, such as: the attorney, accountant, engineer and others
- projects and contracts to ensure they follow District's Water Management Plan and project objectives and meet budgetary requirements.
- Facilitates written and verbal informational presentations to local governments and agencies as needed for compliance with regulatory/legal requirements and public relations effort.
- Oversees District permit program: Coordinate permit applications and project reviews with consulting engineer, regulatory agencies, cities, and applicants.
- Oversees grant projects and accounting and prepares necessary reports to grant sources in an accurate and timely manner.
- Prepare District's annual report on activities and coordinates the financial audit, and ensures these reports meet statutory requirements.
- Prepares Board agendas and meeting packets, and participate in monthly Board meetings.
- Propose annual work plan, budget, contract renewals, District projects, and revisions of Watershed Management Plan.
- Participates on various outside committees for the District as needed to provide visible presence of the District in various agencies, projects, etc.
- Develops and oversees District water quality and data collection programs including the analysis and interpretation of data.
- Develops and oversees District water quality cost-share/incentive programs including the residential, community, agricultural-rural land, and urban stormwater retrofit programs.
- Oversees the preparation of the annual monitoring plan and ensures that it is implemented throughout the year.
- Provides leadership to District committees and the District's Advisory Committee.
- Prepares and/or reviews technical studies completed on behalf of the District to ensure they are completed in a timely, accurate manner.
- Other duties as assigned.

For more information and how to apply visit the [Comfort Lake-Forest Lake Watershed District](#) website.



### WATER QUALITY COORDINATOR

<b>Department:</b>	Minnesota Department of Agriculture
<b>Closing Date:</b>	January 3, 2013
<b>Location(s):</b>	Rochester, MN
<b>Who May Apply:</b>	All qualified job seekers
<b>Responsibilities:</b>	<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) (<a href="http://www.mda.state.mn.us/nitrogenbmps">www.mda.state.mn.us/nitrogenbmps</a>) 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><a href="http://www.mda.state.mn.us/chemicals/fertilizers/nutrient_mgmt/nitrogenplan.aspx">www.mda.state.mn.us/chemicals/fertilizers/nutrient_mgmt/nitrogenplan.aspx</a></p> <p>For more information and how to apply visit <a href="http://www.career.state.mn.us">www.career.state.mn.us</a> Posting # 13DNR000125 or 13DNR000124</p>

### NR FORESTRY REGIONAL SPEC, INSECT AND DISEASE

<b>Department:</b>	Forestry/Central Office, Minnesota Department of Natural Resources
<b>Closing Date:</b>	January 13, 2014
<b>Location(s):</b>	St. Paul, MN
<b>Who May Apply:</b>	All qualified job seekers
<b>Responsibilities:</b>	<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>



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.

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](http://www.career.state.mn.us) Posting # 13DNR000865

#### AGRIC ADVISOR, AGRICULTURAL CHEMICALS

<b>Department:</b>	Minnesota Department of Agriculture
<b>Closing Date:</b>	January 21, 2014
<b>Location(s):</b>	St. Paul, MN
<b>Who May Apply:</b>	All qualified job seekers
<b>Responsibilities:</b>	<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 <a href="http://www.career.state.mn.us">www.career.state.mn.us</a> Posting # 13AGR000126</p>

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

<b>Department:</b>	Agricultural Research Service, MDA
<b>Closing Date:</b>	September 30, 2014
<b>Location(s):</b>	Morris, MN
<b>Who May Apply:</b>	All qualified job seekers
<b>Responsibilities:</b>	<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</p>



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.

For more information and how to apply visit

<https://www.usajobs.gov/GetJob/ViewDetails/354271100>

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*"I DON'T LIKE FORMAL GARDENS. I LIKE WILD NATURE. IT'S JUST THE WILDERNESS INSTINCT IN ME, I GUESS."*

*- WALT DISNEY*

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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.

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