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**FOR IMMEDIATE RELEASE**

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**Strategic environmental projects totaling  
\$36.6 million recommended from MN Lottery generated  
Environment and Natural Resources Trust Fund**  
*Recommendations provide strong emphasis on invasive species*

(St. Paul, MN, July 12, 2012) – At its July 11 meeting the Legislative-Citizen Commission on Minnesota Resources (LCCMR) completed this year’s competitive process for making recommendations to the Minnesota Legislature on funding for special environment and natural resources projects around the state. The LCCMR’s recommendations to the 2013 Legislature would provide a total of approximately \$36.6 million from the Minnesota Lottery generated Environment and Natural Resources Trust Fund (“Trust Fund”) to 48 projects to begin in 2013.

The selected projects address an array of issues facing Minnesota’s land, water, fish, and wildlife. In particular, this year’s recommendations contain a strong commitment to battling a variety of invasive species threats in the state including Asian carp, emerald ash borer, and zebra mussel, among others. Nearly 25% of the funds were allocated toward these purposes.

“I was glad to see the commission come together in an efficient and fair manner to address some very important natural resource issues for the state including Asian carp, declining moose populations, and youth outdoor education,” said Co-Chair and State Rep. Tom Hackbarth shortly after the LCCMR recommendations were finalized. Hackbarth facilitated the allocations process at the July 11 meeting.

The 48 projects being recommended address all of the funding priorities specified in the LCCMR’s 2012-2013 Request for Proposal (RFP). Those priorities were focused on research, data collection, public education, habitat protection, and other activities that preserve or enhance the state’s natural resources in innovative ways.

Examples of recommended projects include:

- A new, first-of-its-kind research center at the University of Minnesota specifically dedicated to developing and implementing new techniques for controlling aquatic invasive species including Asian carp, zebra mussel, and Eurasian watermilfoil;
- Research into control methods for terrestrial invasive species including emerald ash borer, garlic mustard, and a variety of emerging invasive species threats including oriental bittersweet and Grecian foxglove.
- Expansion, enhanced protection, and restoration of natural areas in state parks, regional parks, and unique habitat in the metro area and throughout the state;
- Continuation of research into unique microbes found only in northern Minnesota’s Soudan Underground Mine State Park that are showing promise for a variety of applications, including control of White-Nose Bat Syndrome, microbial biofuels, and the removal of metals from contaminated water;
- Acceleration of the Minnesota Biological Survey, Minnesota Geological Atlas, and the updating of the National Wetlands Inventory that are acquiring essential information for understanding Minnesota’s plants, animals, water and groundwater resources, and wetlands;
- Different water resources research efforts including one that will evaluate recent dramatic changes in Lake Superior’s temperature and ice cover and another that will develop and test a technology with promise for generating clean energy from wastewater;
- Continuation and expansion of outdoor education programs that provide youth with first-hand experiences fishing, canoeing, camping, and working in natural resources conservation.

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## **\$36.6 Million of environmental projects recommended – Page 2**

“These projects will make significant strides into research for aquatic and terrestrial invasive species that have spread throughout Minnesota’s landscape along with protecting critical habitats that are home for our diverse native species,” said Co-Chair Nancy Gibson, a citizen member of the LCCMR. “These investments are what Minnesotans had in mind when they made the popular and fortuitous vote creating the Environment and Natural Resources Trust Fund in 1988.”

In reviewing the recommendations Co-Chair and state Sen. Gen Olson said, “These recommendations are the result of a successful effort to select projects that provide multiple types of benefits and spread expected impacts throughout the state. One key example in the metro area is a project that will expand the Minnesota Landscape Arboretum, a unique Minnesota resource that provides numerous research and educational opportunities while also being highly enjoyed and appreciated by citizens from throughout the state and beyond.”

A total of approximately \$33.8 million per year is available from the Trust Fund for recommendation by the LCCMR for 2013 and 2014. This year’s recommendations focused mostly on the money available in 2013 and there will be another RFP process for the 2014 money next year. However, the commission did decide to recommend allocation of some of the 2014 money this year in order to provide full funding for the new aquatic invasive species research center at the University of Minnesota.

The LCCMR’s recommendations will now go before the 2013 Legislature for consideration and approval during the legislative session beginning January 8. Recommended projects will begin work on July 1, 2013, when the funds become available.

In response to the LCCMR’s 2012-2013 proposal process, 169 proposals requesting a total of approximately \$155 million were received. Combined requests amounted to more than \$5 requested for every \$1 available, making for a very competitive process. Of the original 169 proposals received, 66 were requested to give presentations and answer questions before the LCCMR. From this reduced pool, 48 projects received a recommendation for some portion of the funds available.

The Environment and Natural Resources Trust Fund is a permanent dedicated fund in the Minnesota state treasury that was established by 77% voter approval of a constitutional amendment in 1988. The amendment directs forty percent of the net proceeds of the Minnesota Lottery, or approximately seven cents of every dollar spent on playing the lottery, into the Trust Fund. The Trust Fund is intended to provide a long-term, stable source of funding for innovative and far-sighted activities that protect and enhance Minnesota’s environment and natural resources for the benefit of current citizens and future generations. Up to 5.5% of the existing market value of the Trust Fund can be expended each year.

Additional information on the LCCMR’s 2012-2013 proposal recommendations and the 2012-2013 proposal process can be found online at: [www.lccmr.leg.mn](http://www.lccmr.leg.mn).

### **Legislative-Citizen Commission on Minnesota Resources (LCCMR)**

The LCCMR is made up of 17 members (5 Senators, 5 Representatives, 5 citizens appointed by the governor, 1 citizen appointed by the Senate, and 1 citizen appointed by the House). The function of the LCCMR is to make funding recommendations to the Minnesota State Legislature for special environment and natural resource projects, primarily from the Environment and Natural Resources Trust Fund. The LCCMR developed from a program initiated in 1963. Since then over \$735 million has been appropriated to more than 1,700 projects recommended to protect and enhance Minnesota’s environment and natural resources.

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## ML 2013 Environment and Natural Resources Trust Fund Recommendations

*The Legislative-Citizen Commission on Minnesota Resources (LCCMR) is recommending \$36,660,000 from the Environment and Natural Resources Trust Fund for 48 natural resource appropriations to the 2013 Minnesota Legislature. The recommendations came from the LCCMR's 2012-2013 Request for Proposal process in which 169 proposals requesting a total of approximately \$155 million were received. After full consideration of all proposals received, on July 11, 2012 the LCCMR took action to recommend allocations to these 48 projects. These recommendations range from full funding for the full proposal and dollar amount requested to partial funding for specific proposal elements and partial dollar amounts requested.*

Topic Area	\$ Recommending	Percentage of Total Recommendation
Fisheries and Wildlife Research (3 Proposals)	\$1,100,000	3.00%
Forestry / Agriculture / Minerals (7 Proposals)	\$2,222,000	6.06%
Invasive Species - Aquatic (3 Proposals)	\$9,575,000	26.12%
Invasive Species - Terrestrial (3 Proposals)	\$840,000	2.29%
Land Acquisition & Restoration (17 Proposals)	\$13,085,000	35.69%
Natural Resource Information Collection & Analysis - Statewide (4 Proposals)	\$5,949,000	16.23%
Natural Resource Information Collection & Analysis (3 Proposals)	\$1,019,000	2.78%
Outreach/Education/Training (2 Proposals)	\$636,000	1.73%
Recreation (1 Proposal)	\$250,000	0.68%
Water Resources (2 Proposals)	\$849,000	2.32%
LCCMR Administration (1 Proposal)	\$1,000,000	2.73%
Contract Management (1 Proposal)	\$135,000	0.37%
<b>TOTAL \$ RECOMMENDATION</b>	<b>\$36,660,000</b>	<b>100.00%</b>

### Fund Source

<b>FY 2014 - Environment and Natural Resources Trust Fund Recommended</b>	<b>\$31,883,000</b>
<b>FY 2015 - Environment and Natural Resources Trust Fund Recommended*</b>	<b>\$4,777,000</b>
<b>TOTAL \$ RECOMMENDATION</b>	<b>\$36,660,000</b>

\*A second RFP will be issued in January 2013 for the dollars remaining available for FY 2015.

**ML 2013 Environment and Natural Resources Trust Fund Recommendations**

<b>ID #</b>	<b>Project Title</b>	<b>Project Summary</b>	<b>Organization</b>	<b>Project Manager</b>	<b>Total \$ Recommended</b>	<b>FY 2014 Trust Fund \$</b>	<b>FY 2015 Trust Fund \$</b>
<b>Fisheries and Wildlife Research (Recommended: 3 Proposals / Subtotal \$1,100,000)</b>							
001-A	Sustaining Lakes in a Changing Environment Phase 2	SLICE Phase 2 will complete the process of developing whole systems monitoring and models of MN lakes to allow managers to better evaluate actions for clean water and productive fisheries.	MN DNR	Donald Pereira	\$700,000	\$700,000	
002-A	Bee Lawns: A Unique Way to Help Pollinators	We will research if "bee lawns" can replace traditional turfgrass in areas of limited human traffic, which will reduce chemical inputs, and help bee pollinators by providing critical floral resources.	U of MN	Marla Spivak	\$200,000	\$200,000	
004-A	Moose Habitat Restoration in Northeastern Minnesota	We will develop best practices guidelines for creating moose foraging habitat efficiently and cost-effectively that will allow limited funds to be directed to projects providing most benefit to moose.	U of MN - Duluth NRRI	Ron Moen	\$200,000	\$200,000	
<b>Fisheries and Wildlife Research Subtotal =</b>					<b>\$1,100,000</b>	<b>\$1,100,000</b>	<b>\$0</b>
<b>Forestry / Agriculture / Minerals (Recommended: 7 Proposals / Subtotal \$2,222,000)</b>							
013-B	How Do Natural Copper-Nickel Bedrocks Influence Water Quality?	Minnesota will promote economic development of mineral resources and preserve the environment in northeastern Minnesota by collecting background chemistry on water, rocks, soils and stream sediments.	U of MN - Duluth NRRI	Steven Hauck	\$668,000	\$334,000	\$334,000
016-B	Rapid Forest Ecosystem and Habitat Inventory by Imputation	We will evaluate a new approach to forest inventory, based on imputation of statewide Forest Inventory and Analysis (FIA) data, to speed updates, improve usability, and dramatically reduce costs.	U of MN	Alan Ek	\$262,000	\$262,000	
017-B	Controlling Terrestrial Invasive Plants with Grazing Animals	Connects livestock producers with landowners to develop a cost effective environmentally friendly BMP to control invasive terrestrial species through planned grazing, and then transfer this knowledge to others in region.	Hiawatha Valley Resource Conservation & Development, Inc.	John Beckwith	\$52,000	\$52,000	
019-B	Finding Disease Resistant Elm Trees in Minnesota	Native Minnesota elms resistant to Dutch elm disease exist and represent a valuable resource that can be used to fight this invasive disease and restore elms to their previous grandeur.	U of MN	Robert Blanchette	\$200,000	\$200,000	
022-B	Enhancing Timber Sale Program Environmental and Economic Sustainability	We will evaluate how timber payment methods impact post-harvest forest ecological conditions, net revenue generated from public timber sale programs, and barriers perceived by forest managers and loggers.	U of MN	Charles Blinn	\$250,000	\$250,000	

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023-B	Conservation Grazing to Improve Wildlife Habitat on WMAs	Disturbance invigorates grasslands and livestock grazing is one management tool. This project provides infrastructure to support conservation grazing on 10,000 acres of targeted WMAs in partnership with local livestock producers.	MN DNR	Bill Penning	\$600,000	\$600,000	
024-B	Enhancing Environmental and Economic Benefits of Woodland Grazing	We will demonstrate/assess that managing woodlands used for grazing can provide environmental and economic benefits: improved water quality, reduced soil erosion, enhanced species diversity, and improved forage and livestock performance.	U of MN	Diomy Zamora	\$190,000	\$190,000	
<b>Forestry/Agriculture/Minerals Subtotal =</b>					<b>\$2,222,000</b>	<b>\$1,888,000</b>	<b>\$334,000</b>
<b>Invasive Species - Aquatic (Recommended: 3 Proposals / Subtotal \$9,575,000)</b>							
033-C1	An Aquatic Invasive Species Research Center	An AIS research center at the University of Minnesota will develop powerful new techniques to control AIS including Asian carps and zebra mussel with assisting government groups implement extant techniques.	U of MN	Peter Sorensen	\$8,700,000	\$4,350,000	\$4,350,000
034-C1	Evaluating Effects of Pf-CL145A on Native Aquatic Animals	Assessment of impacts of a commercially available molluscicide formulation on the reproduction and development of native fish as well as impacts on larval aquatic insect survival.	US Geological Survey	Mark Gaikowski	\$600,000	\$600,000	
035-C1	Integrated Control of Dreissenid Mussels in Minnesota Waters	Assessment of a commercially available molluscicide formulation for control of dreissenid mussels in natural waters and the use of molecular techniques for treatment optimization and dreissenid mussel detection.					
042-C1	Detection and Monitoring of Asian Carp Populations	An aggressive search and monitoring program directly targeting Asian carp will provide vital information on the status of these species and allow the development of potential control strategies.	MN DNR	Bradford Parsons	\$275,000	\$275,000	
<b>Invasive Species - Aquatic Subtotal =</b>					<b>\$9,575,000</b>	<b>\$5,225,000</b>	<b>\$4,350,000</b>
<b>Invasive Species - Terrestrial (Recommended: 3 Proposals / Subtotal \$840,000)</b>							
048-C2	Search and Destroy Target Invasive Plant Species	To prevent environmental and economic damage, we will: 1) Train volunteers and professionals to find target species; 2) Control these species before they spread; and 3) Monitor to prevent re-infestation.	Dept. of Agriculture	Monika Chandler	\$300,000	\$300,000	

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049-C2	Biological Control of Garlic Mustard	Garlic mustard is an invasive plant that severely threatens woodland habitats. This project will implement biological control of garlic mustard, to replace mechanical/chemical control methods which are labor and cost-intensive.	MN DNR	Laura Van Riper	\$140,000	\$140,000	
050-C2	Improving Emerald Ash Borer Detection Efficacy for Control	We will implement detection work for emerald ash borer using different techniques and measure the effectiveness of each. This work will facilitate control efforts both now and in the future.	Dept. of Agriculture	Mark Abrahamson	\$400,000	\$400,000	
<b>Invasive Species - Terrestrial Subtotal =</b>					<b>\$840,000</b>	<b>\$840,000</b>	<b>\$0</b>
<b>Land Acquisition &amp; Restoration (Recommended: 17 Proposals / Subtotal \$13,085,000)</b>							
058-D	SNA Acquisition, Restoration, Enhancement & Citizen Engagement	Diverse native plant communities and rare species habitat would be acquired as Scientific and Natural Areas (SNAs) and their quality sustained and improved through restoration, enhancement, monitoring, and citizen-student involvement.	MN DNR	Peggy Booth	\$1,500,000	\$1,500,000	
059-D	Native Prairie Stewardship & Prairie Bank Easement Acquisition	This project will protect 225-acres of native prairie with Prairie Bank easements, apply management to 890-acres of prairie, and landowner stewardship will be encouraged through workshops, technical assistance and planning.	MN DNR	Jason Garms	\$750,000	\$750,000	
060-D	State Parks and State Trails Land Acquisition	Acquire land from willing sellers within the statutory boundaries of State Parks, State Recreation Areas and authorized State Trails. State land acquisitions provide ecological and recreational benefits to the public.	MN DNR	Jennifer Christie	\$1,000,000	\$1,000,000	
061-D	RIM Reserve--Targeting Critically Vulnerable Expiring CRP Acres	In the next five years, 823,000 acres (60%) of Minnesota's CRP will expire. The goal is to re-enroll in CRP, or acquire RIM easements on, the most environmentally critical acres.	Board of Water and Soil Resources	Kevin Lines	\$3,000,000	\$3,000,000	
062-D	Landscape Arboretum Acquisition of Property Surrounding Lake Tamarack	The Arboretum requests funding to acquire approximately a final 80 acres of land, which will include the protection of Lake Tamarack, and is otherwise in danger of development.	U of MN - MN Landscape Arboretum	Peter Moe	\$2,000,000	\$2,000,000	
064-D	MeCC VII - Metropolitan Conservation Corridors (MeCC) Phase 7 Overall Summary - \$5,013,000 [8 proposals]	Protect and restore a connected network of critical habitat in the greater metropolitan area by acquiring fee title and conservation easements on 860 acres and restoring and enhancing 388 acres.	7 partners (8 individual projects)	Sarah Strommen	\$2,000,000	\$2,000,000	

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	<i>1.1 / 1.2 - MeCC 6 - Coordination, Mapping &amp; Outreach (1.1) &amp; Mapping and Database Work (1.2)</i>		<i>Minnesota Land Trust</i>	<i>Sarah Strommen</i>	<i>TBD</i>	<i>TBD</i>	
	<i>MeCC VII - 2.1 &amp; 3.4: Protect, Restore and Enhance Significant Watershed Habitat</i>	<i>FMR will restore 10 acres of prairie and enhance 120 acres of prairie/savanna and 108 acres of forest. Six acres within the Fish Creek Natural Area will be acquired.</i>	<i>Friends of the Mississippi River</i>	<i>Tom Lewanski</i>	<i>TBD</i>	<i>TBD</i>	
	<i>MeCC VII - 2.3: Restoring Our Lands and Waters</i>	<i>Greening will restore/enhance 190 acres (100 Trust Fund) and 2200 lineal feet (1300 Trust Fund) of shoreline, engaging 250 volunteer community members in meaningful parts of the work.</i>	<i>Great River Greening</i>	<i>Wiley Buck</i>	<i>TBD</i>	<i>TBD</i>	
	<i>MeCC VII - 2.6 &amp; 3.7: Dakota County Lakeshore and Riparian Protection</i>	<i>This project will acquire 194 acres of conservation easements along rivers, streams and undeveloped lakeshore; develop Natural Resource Management Plans for 74 acres and restore/enhance 50 acres.</i>	<i>Dakota County</i>	<i>Alan Singer</i>	<i>TBD</i>	<i>TBD</i>	
	<i>MeCC VII - 3.1: 2013 TPLs Critical Land Protection Program</i>	<i>Acquisition of +/- 60 acres of high quality habitat and +/- 0.5 miles of shoreline in scientifically evaluated wildlife corridors within the greater Twin Cities Metro Area.</i>	<i>The Trust for Public Land</i>	<i>Becca Nash</i>	<i>TBD</i>	<i>TBD</i>	
	<i>MeCC VII - 3.2: Protect Significant Habitat by Acquiring Conservation Easements</i>	<i>To protect 250 acres of critical habitat in the greater metropolitan area by securing permanent conservation easements and dedicating funds for the perpetual monitoring and enforcement of those easements.</i>	<i>Minnesota Land Trust</i>	<i>Sarah Strommen</i>	<i>TBD</i>	<i>TBD</i>	
	<i>MeCC VII - 3.3: Priority Expansion of Minnesota Valley National Wildlife Refuge</i>	<i>Minnesota Valley Trust will acquire in fee 250 acres to expand the Minnesota Valley National Wildlife Refuge, improving wildlife habitat and water quality and increasing public access to wildlife-dependent recreation.</i>	<i>MN Valley National Wildlife Refuge Trust, Inc.</i>	<i>Deborah Loon</i>	<i>TBD</i>	<i>TBD</i>	
	<i>MeCC VII - 3.5: WMA Acquisition</i>	<i>This proposal will permanently protect through fee title acquisition 100 acres of critical habitat in the metro/urbanizing landscape that will complement existing investments.</i>	<i>MN DNR</i>	<i>Patrick Rivers</i>	<i>TBD</i>	<i>TBD</i>	
068-D	Preserving the Avon Hills Landscape: Phase 2	Secure permanent conservation easements on high quality habitat using a competitive process that assures the best financial value and greatest public benefit. Develop land management plans and conduct community education.	Saint John's University	Thomas Kroll	\$750,000	\$750,000	
073-D	Frogtown Farm and Park	Acquisition of land for Frogtown Farm and Park, a much-needed urban green space for demonstration farming, recreation areas, and a nature sanctuary that preserves a grove of mature trees.	The Trust for Public Land	Robert McGillivray	\$1,500,000	\$1,500,000	

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075-D	Heron Lake Sediment and Phosphorus Reduction Implementation Projects	This successful project would install five water quality improvement projects to reduce sediment and phosphorus to Heron Lake, monitor three streams, distribute one newsletter, and host a field day.	Heron Lake Watershed District	Jan Voit	\$122,000	\$122,000	
076-D	Restoring Water Quality on Fourteen Southern Minnesota Lakes	This project will install 56 shoreland and 15 ag BMP projects that will improve water quality in 14 lakes in a tri-county area in Southern Minnesota.	Le Sueur County	Lauren Klement	\$463,000	\$463,000	
<b>Land Acquisition &amp; Restoration Subtotal =</b>					<b>\$13,085,000</b>	<b>\$13,085,000</b>	<b>\$0</b>
<b>Natural Resource Information Collection &amp; Analysis - Statewide (Recommended: 4 Proposals / Subtotal \$5,949,000)</b>							
082-E1	Minnesota Biological Survey	Minnesota Biological Survey systematically collects, interprets and delivers data on the distribution and ecology of plants, animals, native plant communities and functional landscapes to guide and monitor conservation actions.	MN DNR	Carmen Converse	\$2,650,000	\$2,650,000	
083-E1	MGS County Geologic Atlases (Part A) for Improved Water Management	Continuing statewide effort to provide comprehensive geologic mapping essential to effective and efficient management of surface and ground water resources. Users include local, state, and federal agencies and private businesses.	U of MN - MN Geological Survey	Dale Setterholm	\$1,200,000	\$1,200,000	
084-E1	County Geologic Atlas (Part B) for Water Resource Sustainability	Produce County Geologic Atlases, Part B, for groundwater protection, wise use, and long-term resource sustainability; map springsheds and prepare karst feature maps; improve digital access to atlas groundwater data.	MN DNR	Jan Falteisek	\$1,099,000	\$1,099,000	
085-E1	Updating the National Wetland Inventory for Minnesota ? Phase 4	This is the fourth phase of a multi-phase project to update and enhance the National Wetland Inventory for Minnesota. This phase will update wetland maps for northeastern Minnesota.	MN DNR	Steve Kloiber	\$1,000,000	\$1,000,000	
<b>Natural Resource Information Collection &amp; Analysis - Statewide Subtotal =</b>					<b>\$5,949,000</b>	<b>\$5,949,000</b>	<b>\$0</b>
<b>Natural Resource Information Collection &amp; Analysis (Recommended: 3 Proposals / Subtotal \$1,019,000)</b>							
089-E2	Harnessing Soudan Mine Microbes: Bioremediation, Bioenergy and Biocontrol	Expanding our current LCCMR project, unique microbes from the Soudan Mine will be applied to three significant challenges in Minnesota: Metal remediation, microbial electrofuels and control of White-Nose Bat Syndrome	U of MN	Christine Salomon	\$419,000	\$419,000	



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092-E2	Measuring Hydrologic Benefits from Glacial Ridge Habitat Restoration	We will compare the hydrology before and after habitat restorations to quantify resultant flood-reduction and water-quality gains, identify Minnesota areas that could benefit from restorations, and calculate the potential improvements.	Red Lake Watershed District	Tim Cowdrey	\$400,000	\$400,000	
093-E2	Conservation Easement Stewardship Program, Phase III	Acceleration of DNRs ongoing work to bring existing conservation easements up to minimum standards through monitoring, baseline data collection and baseline report preparation; development of technology to enhance monitoring efficiency.	MN DNR	Susan Damon	\$200,000	\$200,000	
<b>Natural Resource Information Collection &amp; Analysis Subtotal =</b>					<b>\$1,019,000</b>	<b>\$1,019,000</b>	<b>\$0</b>
<b>Outreach/Education/Training (Recommended: 2 Proposals / Subtotal \$636,000)</b>							
105-F	Youth Outdoors: Mississippi River Education and Employment Opportunities	Project Youth Outdoors provides environmental education trips for 7,000 youth from Grand Rapids, St. Cloud, the Twin Cities, Hastings, and Red Wing teaching fishing, canoeing, camping, and providing employment opportunities.	Wilderness Inquiry	Greg Lais	\$450,000	\$450,000	
106-F	Minnesota Conservation Apprentice Academy	The apprentice program transfers knowledge from experienced professionals to the next generation of conservation managers. Real-world experience gained with SWCDs during their busy construction season is experience textbooks cannot convey.	Board of Water and Soil Resources	Steve Woods	\$186,000	\$93,000	\$93,000
<b>Outreach/Education/Training Subtotal =</b>					<b>\$636,000</b>	<b>\$543,000</b>	<b>\$93,000</b>
<b>Recreation (Recommended: 1 Proposal / Subtotal \$543,000)</b>							
133-G	Restoring Connectivity and Public Access to Campbell Lake	Restoring Campbell Lakes access from the Crow River State Water Trail enhances the publics opportunities for local fishing and wildlife observation, and significantly improves the entire water bodys recreational value.	City of Hutchinson	Kent Exner	\$250,000	\$250,000	
<b>Recreation Subtotal =</b>					<b>\$250,000</b>	<b>\$250,000</b>	<b>\$0</b>
<b>Water Resources (Recommended: 2 Proposals / Subtotal \$849,000)</b>							
139-I	Evaluating Lake Superior's Health in a Changing World	Lake Superior is undergoing dramatic changes—less ice, warmer summers, more invasive species. Using advanced field technologies, we will evaluate how these impact the natural capital of this incomparable resource.	U of MN - Duluth	Erik Brown	\$400,000	\$400,000	
140-I	Membranes for Wastewater-Generated Hydrogen and Clean Water	Develop, optimize and test membranes (thin film polymers embedded with selected bacteria) to generate clean water and valuable energy in the form of hydrogen from wastewater	U of MN	Paige Novak	\$246,000	\$246,000	

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152-l	Antibiotics in Minnesota Waters: Phase 2, Mississippi River	We will measure antibiotic concentrations and antibiotic resistance levels and assess the contributions of farm runoff and wastewater treatment in a portion of the Mississippi River.	University of St. Thomas	Kristine Wammer	\$203,000	\$203,000	
<b>Water Resources Subtotal =</b>					<b>\$849,000</b>	<b>\$849,000</b>	<b>\$0</b>
<b>LCCMR Administration (Recommended: 1 Proposal / Subtotal \$1,000,000)</b>							
N/A	Legislative-Citizen Commission on Minnesota Resources (LCCMR) Administration		LCCMR	Susan Thornton	\$1,000,000	\$1,000,000	
<b>LCCMR Administration Subtotal =</b>					<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>
<b>Contract Management (Recommended: 1 Proposal / Subtotal \$135,000)</b>							
N/A	Contract Administration (Tentative)		OPEN	OPEN	\$135,000	\$135,000	
<b>Contract Management Subtotal =</b>					<b>\$135,000</b>	<b>\$135,000</b>	<b>\$0</b>
<b>Grand Total =</b>					<b>\$36,660,000</b>	<b>\$31,883,000</b>	<b>\$4,777,000</b>