

## V. Recommendations

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*“to the extent known by the commission, descriptions of the projects anticipated to be supported by the trust fund during the next biennium;”*

There is \$25,328,000 available for expenditure in each year of the FY2012-2013 biennium from the Environment and Natural Resources Trust Fund (Trust Fund). The LCCMR is making a biennial funding recommendation to the Legislature from the Trust Fund for FY2012-2013 totaling \$50,623,000.

In addition to recommendations from the Trust Fund, \$750,000 is recommended from Federal Land and Water Conservation Funds (LAWCON) M.S. in FY2012.

The LCCMR adopted the funding recommendations for FY2012-2013 on July 14, 2010 and the Legislative bill on November 18, 2010.



## FY 2012-13 Environment and Natural Resources Trust Fund Recommendations

*In Minnesota's next biennium (July 1, 2011 - June 30, 2013), approximately \$25.3 million is available each year (Total = \$50,656,000) for funding from the Environment and Natural Resources Trust Fund and a total of \$750,000 from the Land and Water Conservation Account (LAWCON). In response to the LCCMR's FY 2012-13 Request for Proposal, 241 proposals requesting a total of approximately \$163.8 were received. After full consideration of all proposals received, on July 14, 2010 the LCCMR selected 92 projects to be included in its appropriation recommendations to the 2011 Minnesota Legislature. These recommendations ranged from full funding for the full proposal and dollar amount requested to partial funding for specific proposal elements and partial dollar amounts requested.*

Category	\$ Recommendation	Percentage of Total Recommendation
<b>Subdivision 3. Natural Resource Data and Information</b> (19 Appropriations [21 Projects])	\$10,960,000	21.33%
<b>Subdivision 4. Land, Habitat, and Recreation</b> (23 Appropriations [41 Projects])	\$29,885,000	58.17%
<b>Subdivision 5. Water Resources</b> (11 Appropriations [12 Projects])	\$3,352,000	6.52%
<b>Subdivision 6. Aquatic and Terrestrial Invasive Species</b> (4 Appropriations)	\$1,210,000	2.36%
<b>Subdivision 7. Renewable Energy and Air Quality</b> (6 Appropriations)	\$1,850,000	3.60%
<b>Subdivision 8. Environmental Education</b> (6 Appropriations)	\$2,714,000	5.28%
<b>Subdivision 9. Administration and Contract Management</b> (2 Appropriations)	\$1,402,000	2.73%
<b>TOTAL \$ RECOMMENDATION</b>	<b>\$51,373,000</b>	<b>100.00%</b>

### Fund Source

<b>FY 2012 - Environment and Natural Resources Trust Fund</b>	<b>\$25,312,000</b>
<b>FY 2013 - Environment and Natural Resources Trust Fund</b>	<b>\$25,311,000</b>
<b>Land and Water Conservation Account (LAWCON)</b>	<b>\$750,000</b>
<b>TOTAL \$</b>	<b>\$51,373,000</b>

### FY 2012-13 Environment and Natural Resources Trust Fund Recommendations

\* Region of Impact designated in the State include Statewide, Central, Metro, NE, NW, SE, SW. Metro region includes the 11 counties of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington, and Wright.

Subd.	LCCMR ID	Title	Affiliation	Program Manager	Recommendation	FY12 Trust Fund \$ (\$25,312,000)	FY13 Trust Fund \$ (\$25,311,000)	LAWCON (\$750,000)	Region of Impact
<b>Subd. 3 Natural Resource Data and Information (19 Appropriations - 21 Projects / Subtotal = \$10,960,000)</b>									
3a	001-A1	Minnesota County Biological Survey	DNR	Carmen Converse	\$2,250,000	\$1,125,000	\$1,125,000	\$0	Statewide
3b1	002-A1	County Geologic Atlases for Sustainable Water Management	U of MN - Minnesota Geological Survey	Dale Setterholm	\$1,200,000	\$600,000	\$600,000	\$0	Statewide
3b2	002-A1	County Geologic Atlases for Sustainable Water Management	DNR	Jan Falteisek	\$600,000	\$300,000	\$300,000	\$0	Statewide
3c	007-A1	The Completion of a Statewide Digital Soil Survey	Board of Water and Soil Resources	Megan Lennon	\$500,000	\$250,000	\$250,000	\$0	Statewide
3d	004-A1	Updating the National Wetland Inventory for Minnesota - Phase III	DNR	Steve Kloiber	\$1,500,000	\$0	\$1,500,000	\$0	NE, Central, SW, SE
3e1	008-A1	Minnesota Breeding Bird Atlas - Phase III	Audubon Minnesota	Mark Martell	\$228,000	\$0	\$228,000	\$0	Statewide
3e2	008-A1	Minnesota Breeding Bird Atlas - Phase III	NRRI - UMD	Gerald Niemi	\$102,000	\$0	\$102,000	\$0	Statewide
3f	013-A1	Golden Eagle Survey	National Eagle Center	Scott Mehus	\$90,000	\$45,000	\$45,000	\$0	SE
3g	009-A1	Determining Causes of Mortality in Moose Populations	DNR	Erika Butler	\$600,000	\$300,000	\$300,000	\$0	NE
3h	216-H	Canada Lynx Recovery Options	U of MN - NRRI	Ron Moen	\$50,000	\$25,000	\$25,000	\$0	NE
3i	063-C1+2	Conserving Prairie Plant Diversity and Evaluating Local Adaptation	U of MN	Ruth Shaw	\$525,000	\$262,000	\$263,000	\$0	NW, Central, SW
3j	064-C1+2	Prairie Management for Wildlife and Bioenergy - Phase II	U of MN	Clarence Lehman	\$950,000	\$475,000	\$475,000	\$0	Statewide
3k	146-F3+4	Evaluation of Biomass Harvesting Impacts on Minnesota's Forests	U of MN	Anthony D'Amato	\$350,000	\$175,000	\$175,000	\$0	NW, NE, Central
3l	135-F1+2+5	Change and Resilience in Boreal Forests in Northern Minnesota	U of MN	Lee Frelich	\$200,000	\$100,000	\$100,000	\$0	NE
3m	020-A2	Information System for Wildlife and Aquatic Management Areas	DNR	Steve Benson	\$500,000	\$250,000	\$250,000	\$0	Statewide
3n	015-A2	Strengthening Natural Resource Management with LiDAR Training	U of MN	Leslie Everett	\$180,000	\$90,000	\$90,000	\$0	Statewide
3o	089-C3+4	Measuring Conservation Practice Outcomes	Board of Water and Soil Resources	Megan Lennon	\$340,000	\$170,000	\$170,000	\$0	Statewide
3p	032-B	Conservation-Based Approach for Assessing Public Drainage Benefits	Board of Water and Soil Resources	Al Kean	\$150,000	\$75,000	\$75,000	\$0	NW, Central, SW
3q	079-C3+4	Mississippi River Central Minnesota Conservation Planning	Stearns County Soil and Water Conservation District	Dennis Fuchs	\$175,000	\$87,000	\$88,000	\$0	Central

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Subd.	LCCMR ID	Title	Affiliation	Program Manager	Recommending	FY12 Trust Fund \$ (\$25,312,000)	FY13 Trust Fund \$ (\$25,311,000)	LAWCON (\$750,000)	Region of Impact
3r	082-C3+4	Saint Croix Basin Conservation Planning and Protection	St. Croix River Association	Deb Ryun	\$200,000	\$100,000	\$100,000	\$0	NE, Metro
3s	078-C3+4	Brainerd Lakes Community-Based Conservation and Recreation Planning	Crow Wing County	Chris Pence	\$270,000	\$135,000	\$135,000	\$0	Central
<b>Subd. 3 Natural Resource Data and Information Subtotal =</b>					<b>\$10,960,000</b>	<b>\$4,564,000</b>	<b>\$6,396,000</b>	<b>\$0</b>	
<b>Subd. 4 Land, Habitat, and Recreation (23 Appropriations - 41 Projects / Subtotal = 29,885,000)</b>									
4a	215-H	Lake Vermilion State Park Development	DNR	Courtland Nelson	\$3,000,000	\$2,421,000	\$579,000	\$0	NE
4b	105-D	State Parks and Trails Land Acquisition	DNR	Larry Peterson	\$3,000,000	\$1,500,000	\$1,500,000	\$0	Statewide
4c	103-D	Metropolitan Regional Park System Acquisition	Metropolitan Council	Arne Stefferud	\$2,250,000	\$1,125,000	\$1,125,000	\$0	Metro
4d	109-D	Regional Park, Trail, and Connections Acquisition and Development Grants	DNR	Ronald Potter	\$2,000,000	\$1,000,000	\$1,000,000	\$0	Statewide
4e	101-D	Scientific and Natural Area Acquisition and Restoration	DNR	Peggy Booth	\$3,280,000	\$1,640,000	\$1,640,000	\$0	Statewide
4f	112-D	LaSalle Lake Scientific and Natural Area Acquisition	The Trust for Public Land	Susan Schmidt	\$2,000,000	\$1,000,000	\$1,000,000	\$0	NW
4g	116-D	Minnesota River Valley Green Corridor Scientific and Natural Area Acquisition	Green Corridor Inc.	Brad Cobb	\$2,000,000	\$1,000,000	\$1,000,000	\$0	SW
4h	102-D	Native Prairie Stewardship and Native Prairie Bank Acquisition	DNR	Jason Garms	\$1,000,000	\$500,000	\$500,000	\$0	Statewide
4i	104-D	Metropolitan Conservation Corridors (MeCC) - Phase VI	7 partners (8 individual projects)		\$3,475,000	\$1,737,000	\$1,738,000	\$0	Metro
4i1.1+1.2	104-D-1.1+1.2	1.1 / 1.2 - MeCC 6 - Coordination, Mapping & Outreach (1.1) & Mapping and Database Work (1.2)	Minnesota Land Trust	Sarah Strommen	\$40,000	\$20,000	\$20,000		Metro
4i2.1	104-D-2.1	2.1 - MeCC 6 - Restore and Enhance Significant Watershed Habitat	Friends of the Mississippi River	Tom Lewanski	\$200,000	\$100,000	\$100,000		Metro
4i2.3	104-D-2.3	2.3 - MeCC 6 - Restoring Our Lands and Waters	Great River Greening	Wiley Buck	\$400,000	\$200,000	\$200,000		Metro
4i2.6+3.3	104-D-2.6+3.3	2.6 / 3.3 - MeCC 6 - Priority Expansion and Restoration MN Valley NW Refuge	MN Valley National Wildlife Refuge Trust, Inc.	Deborah Loon	\$600,000	\$300,000	\$300,000		Metro
4i2.7+3.7	104-D-2.7+3.7	2.7 / 3.7 - MeCC 6 - Dakota County Riparian and Lakeshore Protection	Dakota County	Alan Singer	\$1,035,000	\$517,000	\$518,000		Metro
4i3.1	104-D-3.1	3.1 - MeCC 6 - TPL's Critical Land Protection Program	The Trust for Public Land	Becca Nash	\$500,000	\$250,000	\$250,000		Metro
4i3.2	104-D-3.2	3.2 - MeCC 6 - Protect Significant Habitat by Acquiring Conservation Easements	Minnesota Land Trust	Sarah Strommen	\$400,000	\$200,000	\$200,000		Metro
4i3.5	104-D-3.5	3.5 - MeCC 6 - Aquatic Management Area Acquisition	DNR	Mike Halverson	\$300,000	\$150,000	\$150,000		Metro

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Subd.	LCCMR ID	Title	Affiliation	Program Manager	Recommendation	FY12 Trust Fund \$ (\$25,312,000)	FY13 Trust Fund \$ (\$25,311,000)	LAWCON (\$750,000)	Region of Impact
4j	106-D	Habitat Conservation Partnership (HCP) - Phase VII	8 partners (12 individual projects)		\$3,475,000	\$1,737,000	\$1,738,000	\$0	Statewide
4j1a	106-D-1a	1a - HCP 7 - Coordination, Mapping & Data Management	Pheasants Forever, Inc.	Joe Pavelko	\$55,000	\$27,000	\$28,000		Statewide
4j2e	106-D-2e	2e - HCP 7 - Wild Rice/Waterfowl Habitat Enhancement and Long-term Monitoring	Leech Lake Band of Ojibwe	Steve Mortensen	\$50,000	\$25,000	\$25,000		Statewide
4j2g	106-D-2g	2g - HCP 7 - Restoration & Management - Wildlife Management Areas	DNR	Suzann Willhite	\$30,000	\$15,000	\$15,000		Statewide
4j2h	106-D-2h	2h - HCP 7 - Restoration & Management - DNR Fisheries	DNR	Linda Erickson-Eastwood	\$200,000	\$100,000	\$100,000		Statewide
4j2o	106-D-2o	2o - HCP 7 - Prairie Pothole Restoration on Waterfowl Areas	Friends of the Detroit Lakes Wetland Management Division	Greg Hoch	\$75,000	\$38,000	\$37,000		Statewide
4j3a	106-D-3a	3a - HCP 7 - Shoreland Protection Program	Minnesota Land Trust	Sarah Strommen	\$450,000	\$225,000	\$225,000		Statewide
4j3c	106-D-3c	3c - HCP 7 - Shallow Lake Conservation Easements	Ducks Unlimited	Jon Schneider	\$500,000	\$250,000	\$250,000		Statewide
4j3d	106-D-3d	3d - HCP 7 - Wetlands Reserve Program	Ducks Unlimited	Jon Schneider	\$775,000	\$387,000	\$388,000		Statewide
4j4a	106-D-4a	4a - HCP 7 - WMA/WPA Acquisition beyond Boundaries	Pheasants Forever, Inc.	Joe Pavelko	\$430,000	\$215,000	\$215,000		Statewide
4j4c	106-D-4c	4c - HCP 7 - TPLs Critical Lands Protection Program	The Trust for Public Land	Robert McGillvray	\$490,000	\$245,000	\$245,000		Statewide
4j4h	106-D-4h	4h - HCP 7 - Priority Acquisition, MN Valley Wetland Management District	MN Valley National Wildlife Refuge Trust, Inc.	Deborah Loon	\$400,000	\$200,000	\$200,000		Statewide
4j4i	106-D-4i	4i - HCP 7 - Habitat Acquisition – DNR Professional Services	DNR	Mike Halverson	\$20,000	\$10,000	\$10,000		Statewide
4k	107-D	Natural and Scenic Area Acquisition Grants	DNR	Wayne Sames	\$1,000,000	\$500,000	\$500,000	\$0	Statewide
4l	081-C3+4	Acceleration of Minnesota Conservation Assistance	Board of Water and Soil Resources	Tabor Hoek	\$500,000	\$250,000	\$250,000	\$0	Statewide
4m	066-C1+2	Conservation Easement Stewardship and Enforcement Program - Phase II	DNR	Susan Damon	\$500,000	\$250,000	\$250,000	\$0	Statewide
4n	N/A	Gulf Oil Spill Impacts on Minnesota's Migratory Bird Species	DNR	Carrol Henderson	\$250,000	\$125,000	\$125,000	\$0	Statewide
4o	067-C1+2	Recovery of At-Risk Native Prairie Species	Martin County Soil and Water Conservation District	Rich Perrine	\$147,000	\$73,000	\$74,000	\$0	SW
4p	071-C1+2	Controlling Encroachment of Woody Vegetation in Grasslands	DNR	Kurt Haroldson	\$200,000	\$100,000	\$100,000	\$0	NW, Central, Metro, SW, SE

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4q	068-C1+2	Understanding Threats, Genetic Diversity, and Conservation Options for Wild Rice	U of MN	David D. Biesboer	\$195,000	\$97,000	\$98,000	\$0	Statewide
4r	065-C1+2	Southeast Minnesota Stream Restoration	Trout Unlimited, Inc.	Jeff Hastings	\$250,000	\$125,000	\$125,000	\$0	Metro, SE
4s	069-C1+2	Restoration Strategies for Ditched Peatland Scientific and Natural Areas	DNR	Michele Walker	\$200,000	\$100,000	\$100,000	\$0	NW
4t	080-C3+4	Northeast Minnesota White Cedar Plant Community Restoration	Board of Water and Soil Resources	Dale Krystosek	\$250,000	\$125,000	\$125,000	\$0	NE
4u	090-C3+4	Restoring North Shore Forest	Sugarloaf: The North Shore Stewardship Association	Molly Thompson	\$63,000	\$31,000	\$32,000	\$0	NE
4v	098-C3+4	Assessment of Tree Retention Forestry Harvest Guidelines	U of MN - NRRI	Gerald Niemi	\$100,000	\$50,000	\$50,000	\$0	NW, NE
4w	N/A	Land and Water Conservation Account (LAWCON) Federal Reimbursement	DNR	Ron Potter Stan Linnell	\$750,000	\$0	\$0	\$750,000	NW, NE
<b>Subd. 4 Land, Habitat, and Recreation Subtotal =</b>					<b>\$29,885,000</b>	<b>\$15,486,000</b>	<b>\$13,649,000</b>	<b>\$750,000</b>	
<b>Subd. 5 Water Resources (11 Appropriations - 12 Projects / Subtotal = \$3,352,000)</b>									
5a	031-B	Groundwater Sustainability Assessment in the I-94 Growth Corridor	Environmental Quality Board	Princesa VanBuren Hanson	\$450,000	\$225,000	\$225,000	\$0	Metro
5b	025-B	Lake Superior Water Quality Monitoring	U of MN	Steve Colman	\$500,000	\$250,000	\$250,000	\$0	NE
5c	137-F1+2+5	Assessment of Changes in Minnesota's Wilderness Lakes	Science Museum of Minnesota	Daniel Engstrom	\$300,000	\$150,000	\$150,000	\$0	NE
5d	087-C3+4	Itasca County Sensitive Lakeshore Identification	Itasca County Soil and Water Conservation District	Jim Gustafson	\$160,000	\$80,000	\$80,000	\$0	NE
5e1	029-B	Trout Stream Springshed Mapping in Southeast Minnesota - Phase III	DNR	Jeff Green	\$220,000	\$110,000	\$110,000	\$0	SE
5e2	029-B	Trout Stream Springshed Mapping in Southeast Minnesota - Phase III	U of MN	Calvin Alexander	\$280,000	\$140,000	\$140,000	\$0	SE
5f	028-B	Mississippi Water Quality Assessment	U of MN	Michael Sadowsky	\$557,000	\$278,000	\$279,000	\$0	Statewide
5g	037-B	Zumbro River Watershed Restoration Prioritization	Zumbro Watershed Partnership	Lisa Eadens	\$150,000	\$75,000	\$75,000	\$0	SE
5h	030-B	Assessment of Minnesota River Antibiotic Concentrations	University of St. Thomas	Kristine Wammer	\$190,000	\$95,000	\$95,000	\$0	Central, SE
5i	035-B	Determination of Phosphorus Reduction from Perpetual Easements	Board of Water and Soil Resources USGS	Eric Mohring Vicki Christensen	\$125,000	\$62,000	\$63,000	\$0	Central

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Subd.	LCCMR ID	Title	Affiliation	Program Manager	Recommending	FY12 Trust Fund \$ (\$25,312,000)	FY13 Trust Fund \$ (\$25,311,000)	LAWCON (\$750,000)	Region of Impact
5j	038-B	Wastewater Phosphorous Filtration Using Recycled By-Products	U of MN - NRRI	Larry Zanko	\$170,000	\$85,000	\$85,000	\$0	Statewide
5k	191-G	Community-Based Reduction of Water Contaminants	Institute for Agriculture and Trade Policy	Kathleen Schuler	\$250,000	\$125,000	\$125,000	\$0	Statewide
<b>Subd. 5 Water Resources Subtotal =</b>					<b>\$3,352,000</b>	<b>\$1,675,000</b>	<b>\$1,677,000</b>	<b>\$0</b>	
<b>Subd. 6 Aquatic and Terrestrial Invasive Species (4 Appropriations / Subtotal = \$1,210,000)</b>									
6a	118-E	Improved Detection of Harmful Microbes in Ballast Water	U of MN	Randall Hicks	\$250,000	\$125,000	\$125,000	\$0	NE
6b	119-E	Emerald Ash Borer Biocontrol Research and Implementation	Department of Agriculture	Monika Chandler	\$500,000	\$250,000	\$250,000	\$0	Statewide
6c	124-E	Emerald Ash Borer Landscape Management Impacts	U of MN	Vera Krischik	\$340,000	\$170,000	\$170,000	\$0	Statewide
6d	123-E	Evaluation of Switchgrass as Biofuel Crop	Central Lakes College	Jim Eckberg Robert Schafer	\$120,000	\$60,000	\$60,000	\$0	Statewide
<b>Subd. 6 Aquatic and Terrestrial Invasive Species Subtotal =</b>					<b>\$1,210,000</b>	<b>\$605,000</b>	<b>\$605,000</b>	<b>\$0</b>	
<b>Subd. 7 Renewable Energy and Air Quality (6 Appropriations / Subtotal = \$1,850,000)</b>									
7a	134-F1+2+5	Peatland Carbon Sequestration	DNR	Mark Lindquist	\$400,000	\$200,000	\$200,000	\$0	NW, NE
7b	138-F1+2+5	Addressing Ozone Pollution in Minnesota	U of MN	Julian Marshall	\$250,000	\$125,000	\$125,000	\$0	Statewide
7c	157-F3+4	Optimizing Biogas' Role in Meeting Minnesota's Energy Goals	Great Plains Institute	Amanda Bilek	\$300,000	\$150,000	\$150,000	\$0	Statewide
7d	156-F3+4	Supporting Community-Driven Sustainable Bioenergy Projects	Dovetail Partners, Inc.	Kathryn Fernholz	\$150,000	\$75,000	\$75,000	\$0	NE
7e	153-F3+4	Low Environmental Impact Sustainable Neighborhoods	U of MN	John Carmody	\$250,000	\$125,000	\$125,000	\$0	Metro
7f	188-G	Conservation Corps Training and Low-Income Solar Home Heating Installation	Conservation Corps - Minnesota	Tim Johnson-Grass	\$500,000	\$250,000	\$250,000	\$0	Statewide
<b>Subd. 7 Renewable Energy and Air Quality Subtotal =</b>					<b>\$1,850,000</b>	<b>\$925,000</b>	<b>\$925,000</b>	<b>\$0</b>	
<b>Subd. 8 Environmental Education (6 Appropriations / Subtotal = \$2,714,000)</b>									
8a	177-G	Minnesota Schools Conserving Energy and Water	Minnesota Pollution Control Agency	William Sierks	\$825,000	\$412,000	\$413,000	\$0	Statewide
8b	186-G	Youth-Led Renewable Energy and Energy Conservation in West and Southwest Minnesota	Prairie Woods Environmental Learning Center	Anne Dybsetter	\$246,000	\$123,000	\$123,000	\$0	Central, SW
8c	179-G	Minnesota Junior Master Naturalist Program	U of MN	Robert Blair	\$365,000	\$182,000	\$183,000	\$0	Statewide



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8d	185-G	Experiential Environmental Education for Urban Youth	Hennepin County	Mary Karius	\$708,000	\$354,000	\$354,000	\$0	Metro
8e	189-G	Eagles Linking Students to Science and Nature	U of MN	Julia Ponder	\$170,000	\$85,000	\$85,000	\$0	Statewide
8f	198-G	Cross-Cultural Cooperation in Fish and Wildlife Conservation	DNR	Josee Cung	\$400,000	\$200,000	\$200,000	\$0	SE
<b>Subd. 8 Environmental Education Subtotal =</b>					<b>\$2,714,000</b>	<b>\$1,356,000</b>	<b>\$1,358,000</b>	<b>\$0</b>	
<b>Subd. 9 Administration (2 Appropriations / Subtotal = \$1,402,000)</b>									
9a	---	Legislative-Citizen Commission on Minnesota Resources (LCCMR)	LCCMR	Susan Thornton	\$1,182,000	\$591,000	\$591,000	\$0	Statewide
9b	---	Contract Administration	DNR	Wayne Sames	\$220,000	\$110,000	\$110,000	\$0	Statewide
<b>Category G Total =</b>					<b>\$1,402,000</b>	<b>\$701,000</b>	<b>\$701,000</b>	<b>\$0</b>	
<b>Grand Total =</b>					<b>\$51,373,000</b>	<b>\$25,312,000</b>	<b>\$25,311,000</b>	<b>\$750,000</b>	



A bill for an act  
relating to state government; appropriating money for environment and natural  
resources.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

Section 1. MINNESOTA RESOURCES APPROPRIATIONS.

The sums shown in the columns marked "Appropriations" are appropriated to the  
agencies and for the purposes specified in this act. The appropriations are from the  
environment and natural resources trust fund, or another named fund, and are available for  
the fiscal years indicated for each purpose. The figures "2012" and "2013" used in this  
act mean that the appropriations listed under them are available for the fiscal year ending  
June 30, 2012, or June 30, 2013, respectively. "The first year" is fiscal year 2012. "The  
second year" is fiscal year 2013. "The biennium" is fiscal years 2012 and 2013. The  
appropriations in this act are onetime.

<u>APPROPRIATIONS</u>	
<u>Available for the Year</u>	
<u>Ending June 30</u>	
<u>2012</u>	<u>2013</u>

Sec. 2. MINNESOTA RESOURCES

<u>Subdivision 1. Total Appropriations</u>	<u>\$</u>	<u>26,062,000</u>	<u>\$</u>	<u>25,311,000</u>
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Appropriations by Fund

<u>2012</u>	<u>2013</u>
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2.1	<u>Environment and</u>		
2.2	<u>natural resources</u>		
2.3	<u>trust fund</u>	<u>25,312,000</u>	<u>25,311,000</u>
2.4	<u>State land and</u>		
2.5	<u>water conservation</u>		
2.6	<u>account (LAWCON)</u>	<u>750,000</u>	<u>-0-</u>

2.7 Appropriations are available for two  
 2.8 years beginning July 1, 2011, unless  
 2.9 otherwise stated in the appropriation. Any  
 2.10 unencumbered balance remaining in the first  
 2.11 year does not cancel and is available for the  
 2.12 second year.

2.13 Subd. 2. Definitions

2.14 (a) "Trust fund" means the Minnesota  
 2.15 environment and natural resources trust fund  
 2.16 referred to in Minnesota Statutes, section  
 2.17 116P.02, subdivision 6.

2.18 (b) "State land and water conservation  
 2.19 account (LAWCON)" means the state land  
 2.20 and water conservation account in the natural  
 2.21 resources fund referred to in Minnesota  
 2.22 Statutes, section 116P.14.

2.23 Subd. 3. Natural Resource Data and  
 2.24 Information

4,564,000

6,396,000

2.25 (a) Minnesota County Biological Survey  
 2.26 \$1,125,000 the first year and \$1,125,000  
 2.27 the second year are from the trust fund  
 2.28 to the commissioner of natural resources  
 2.29 for continuation of the Minnesota county  
 2.30 biological survey to provide a foundation  
 2.31 for conserving biological diversity by  
 2.32 systematically collecting, interpreting,  
 2.33 and delivering data on plant and animal  
 2.34 distribution and ecology, native plant  
 2.35 communities, and functional landscapes.

- 3.1 (b) County Geologic Atlases for  
3.2 Sustainable Water Management
- 3.3 \$900,000 the first year and \$900,000 the  
3.4 second year are from the trust fund to  
3.5 accelerate the production of county geologic  
3.6 atlases to provide information essential to  
3.7 sustainable management of ground water  
3.8 resources by defining aquifer boundaries  
3.9 and the connection of aquifers to the land  
3.10 surface and surface water resources. Of  
3.11 this appropriation, \$600,000 each year is  
3.12 to the Board of Regents of the University  
3.13 of Minnesota for the Geologic Survey and  
3.14 \$300,000 each year is to the commissioner  
3.15 of natural resources. This appropriation  
3.16 is available until June 30, 2015, by which  
3.17 time the project must be completed and final  
3.18 products delivered.
- 3.19 (c) Completion of Statewide Digital Soil  
3.20 Survey
- 3.21 \$250,000 the first year and \$250,000 the  
3.22 second year are from the trust fund to  
3.23 the Board of Water and Soil Resources  
3.24 to accelerate the completion of county  
3.25 soil survey mapping and Web-based data  
3.26 delivery. The soil surveys must be done on a  
3.27 cost-share basis with local and federal funds.
- 3.28 (d) Updating National Wetlands Inventory  
3.29 for Minnesota - Phase III
- 3.30 \$1,500,000 the second year is from the trust  
3.31 fund to the commissioner of natural resources  
3.32 to continue the update of wetland inventory  
3.33 maps for Minnesota. This appropriation  
3.34 is available until June 30, 2015, by which

4.1 time the project must be completed and final  
4.2 products delivered.

4.3 **(e) Minnesota Breeding Bird Atlas - Phase**  
4.4 **III**

4.5 \$330,000 the second year is from the  
4.6 trust fund for the continuation of the  
4.7 statewide survey of Minnesota breeding  
4.8 bird distribution and to create related  
4.9 publications, including a book and online  
4.10 atlas with distribution maps and breeding  
4.11 status. Of this appropriation, \$228,000 is to  
4.12 the commissioner of natural resources for  
4.13 an agreement with the National Audubon  
4.14 Society and \$102,000 is to the Board of  
4.15 Regents of the University of Minnesota for  
4.16 the Natural Resources Research Institute.

4.17 The atlas must be available for downloading  
4.18 on the Internet free of charge. This  
4.19 appropriation is available until June 30,  
4.20 2015, by which time the project must be  
4.21 completed and final products delivered.

4.22 **(f) Golden Eagle Survey**

4.23 \$45,000 the first year and \$45,000 the  
4.24 second year are from the trust fund to the  
4.25 commissioner of natural resources for an  
4.26 agreement with the National Eagle Center to  
4.27 increase the understanding of golden eagles  
4.28 in Minnesota through surveys and education.  
4.29 This appropriation is available until June  
4.30 30, 2014, by which time the project must be  
4.31 completed and final products delivered.

4.32 **(g) Determining Causes of Mortality in**  
4.33 **Moose Populations**

4.34 \$300,000 the first year and \$300,000 the  
4.35 second year are from the trust fund to

5.1 the commissioner of natural resources to  
5.2 determine specific causes of moose mortality  
5.3 and population decline in Minnesota and  
5.4 to develop specific management actions to  
5.5 prevent further population decline. This  
5.6 appropriation is available until June 30,  
5.7 2014, by which time the project must be  
5.8 completed and final products delivered.

5.9 **(h) Canada Lynx Recovery Options**

5.10 \$25,000 the first year and \$25,000 the second  
5.11 year are from the trust fund to the Board of  
5.12 Regents of the University of Minnesota for  
5.13 the Natural Resources Research Institute to  
5.14 assess Canada lynx recovery options.

5.15 **(i) Conserving Prairie Plant Diversity and**  
5.16 **Evaluating Local Adaptation**

5.17 \$262,000 the first year and \$263,000 the  
5.18 second year are from the trust fund to  
5.19 the Board of Regents of the University  
5.20 of Minnesota to research and develop a  
5.21 scientific basis for identifying adapted seed  
5.22 sources for restoring prairie ecosystems and  
5.23 to conserve the genetic diversity of plants  
5.24 of the Minnesota tallgrass prairie. This  
5.25 appropriation is available until June 30,  
5.26 2014, by which time the project must be  
5.27 completed and final products delivered.

5.28 **(j) Prairie Management for Wildlife and**  
5.29 **Bioenergy - Phase II**

5.30 \$475,000 the first year and \$475,000 the  
5.31 second year are from the trust fund to the  
5.32 Board of Regents of the University of  
5.33 Minnesota to research and evaluate methods  
5.34 of managing diverse working prairies for  
5.35 wildlife and renewable bioenergy production.

6.1 This appropriation is available until June  
6.2 30, 2014, by which time the project must be  
6.3 completed and final products delivered.

6.4 **(k) Evaluation of Biomass Harvesting**  
6.5 **Impacts on Minnesota's Forests**

6.6 \$175,000 the first year and \$175,000 the  
6.7 second year are from the trust fund to the  
6.8 Board of Regents of the University of  
6.9 Minnesota to assess the impacts biomass  
6.10 harvests for energy have on soil nutrients,  
6.11 native forest vegetation, invasive species  
6.12 spread, and long-term tree productivity within  
6.13 Minnesota's forests. This appropriation is  
6.14 available until June 30, 2014, by which time  
6.15 the project must be completed and final  
6.16 products delivered.

6.17 **(l) Change and Resilience in Boreal Forests**  
6.18 **in Northern Minnesota**

6.19 \$100,000 the first year and \$100,000 the  
6.20 second year are from the trust fund to the  
6.21 Board of Regents of the University of  
6.22 Minnesota to assess the potential response  
6.23 of northern Minnesota's boreal forests to  
6.24 observed and predicted changes in climate  
6.25 conditions and develop related management  
6.26 guidelines and adaptation strategies. This  
6.27 appropriation is available until June 30,  
6.28 2014, by which time the project must be  
6.29 completed and final products delivered.

6.30 **(m) Information System for Wildlife and**  
6.31 **Aquatic Management Areas**

6.32 \$250,000 the first year and \$250,000 the  
6.33 second year are from the trust fund to the  
6.34 commissioner of natural resources to develop  
6.35 an information system to facilitate improved



7.1 management of wildlife and fish habitat and  
7.2 facilities. This appropriation is available  
7.3 until June 30, 2014, by which time the  
7.4 project must be completed and final products  
7.5 delivered.

7.6 (n) **Strengthening Natural Resource**  
7.7 **Management with LiDAR Training**  
7.8 \$90,000 the first year and \$90,000 the second  
7.9 year are from the trust fund to the Board of  
7.10 Regents of the University of Minnesota to  
7.11 provide workshops and Web-based training  
7.12 and information on the use of LiDAR  
7.13 elevation data in planning for and managing  
7.14 natural resources.

7.15 (o) **Measuring Conservation Practice**  
7.16 **Outcomes**  
7.17 \$170,000 the first year and \$170,000 the  
7.18 second year are from the trust fund to  
7.19 the Board of Water and Soil Resources  
7.20 to improve measurement of impacts of  
7.21 conservation practices through refinement  
7.22 of existing and development of new  
7.23 pollution estimators and by providing local  
7.24 government training.

7.25 (p) **Conservation-Based Approach for**  
7.26 **Assessing Public Drainage Benefits**  
7.27 \$75,000 the first year and \$75,000 the second  
7.28 year are from the trust fund to the Board  
7.29 of Water and Soil Resources to develop an  
7.30 alternative framework to assess drainage  
7.31 benefits on public systems to enhance water  
7.32 conservation. This appropriation is available  
7.33 until June 30, 2014, by which time the  
7.34 project must be completed and final products  
7.35 delivered.

8.1 (q) Mississippi River Central Minnesota  
8.2 Conservation Planning  
8.3 \$87,000 the first year and \$88,000 the  
8.4 second year are from the trust fund to the  
8.5 commissioner of natural resources for an  
8.6 agreement with Stearns County Soil and  
8.7 Water Conservation District to develop  
8.8 and adopt river protection strategies in  
8.9 cooperation with local jurisdictions in  
8.10 the communities of the 26 miles of the  
8.11 Mississippi River between Benton and  
8.12 Stearns Counties. This appropriation must  
8.13 be matched by \$175,000 of nonstate cash or  
8.14 qualifying in-kind funds.

8.15 (r) Saint Croix Basin Conservation  
8.16 Planning and Protection  
8.17 \$100,000 the first year and \$100,000 the  
8.18 second year are from the trust fund to  
8.19 the commissioner of natural resources for  
8.20 an agreement with the St. Croix River  
8.21 Association to develop an interagency plan  
8.22 to identify and prioritize critical areas for  
8.23 project implementation to improve watershed  
8.24 health. This appropriation must be matched  
8.25 by \$200,000 of nonstate cash or qualifying  
8.26 in-kind funds. Up to \$10,000 may be retained  
8.27 by the Department of Natural Resources at  
8.28 the request of the St. Croix River Association  
8.29 to provide technical and mapping assistance.  
8.30 This appropriation is available until June  
8.31 30, 2014, by which time the project must be  
8.32 completed and final products delivered.

8.33 (s) Brainerd Lakes Community-Based  
8.34 Conservation and Recreation Planning

9.1 \$135,000 the first year and \$135,000 the  
9.2 second year are from the trust fund to the  
9.3 commissioner of natural resources for an  
9.4 agreement with Crow Wing County to  
9.5 develop and implement community-based  
9.6 conservation and recreational planning to  
9.7 protect natural resources. This appropriation  
9.8 is contingent on the commitment of  
9.9 Crow Wing County to pursue adoption of  
9.10 ordinances developed to protect the natural  
9.11 resources and provide a \$270,000 nonstate  
9.12 match of cash or qualifying in-kind funds.

9.13	<u>Subd. 4. <b>Land, Habitat, and Recreation</b></u>	<u>16,236,000</u>	<u>13,649,000</u>
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9.14	<u>Summary by Fund</u>		
9.15	<u>Environment and</u>		
9.16	<u>natural resources</u>		
9.17	<u>trust fund</u>	<u>15,486,000</u>	<u>13,649,000</u>
9.18	<u>State land and</u>		
9.19	<u>water conservation</u>		
9.20	<u>account (LAWCON)</u>	<u>750,000</u>	<u>-0-</u>

9.21 (a) **Lake Vermilion State Park**

9.22 **Development**

9.23 \$2,421,000 the first year and \$579,000 the  
9.24 second year are from the trust fund to the  
9.25 commissioner of natural resources for initial  
9.26 phases of development of Lake Vermilion  
9.27 State Park. A master plan must be completed  
9.28 and a specific list of proposed projects  
9.29 and project elements must be provided to  
9.30 the Legislative-Citizen Commission on  
9.31 Minnesota Resources before any expenditure  
9.32 of money appropriated in this paragraph.

9.33 (b) **State Parks and Trails Land**

9.34 **Acquisition**

9.35 \$1,500,000 the first year and \$1,500,000 the  
9.36 second year are from the trust fund to the

10.1 commissioner of natural resources to acquire  
10.2 state trails and critical parcels within the  
10.3 statutory boundaries of state parks. State  
10.4 park land acquired with this appropriation  
10.5 must be sufficiently improved to meet at  
10.6 least minimum management standards, as  
10.7 determined by the commissioner of natural  
10.8 resources. A list of proposed acquisitions  
10.9 must be provided as part of the required work  
10.10 program. This appropriation is available  
10.11 until June 30, 2014, by which time the  
10.12 project must be completed and final products  
10.13 delivered.

10.14 **(c) Metropolitan Regional Park System**

10.15 **Acquisition**

10.16 \$1,125,000 the first year and \$1,125,000  
10.17 the second year are from the trust fund to  
10.18 the Metropolitan Council for grants for the  
10.19 acquisition of lands within the approved park  
10.20 unit boundaries of the metropolitan regional  
10.21 park system. This appropriation may not  
10.22 be used for the purchase of residential  
10.23 structures. A list of proposed fee title and  
10.24 easement acquisitions must be provided as  
10.25 part of the required work program. This  
10.26 appropriation must be matched by at least  
10.27 40 percent of nonstate money and must be  
10.28 committed by December 31, 2011, or the  
10.29 appropriation cancels. This appropriation  
10.30 is available until June 30, 2014, at which  
10.31 time the project must be completed and final  
10.32 products delivered, unless an earlier date is  
10.33 specified in the work program.

10.34 **(d) Regional Park, Trail, and Connection**

10.35 **Acquisition and Development Grants**

11.1 \$1,000,000 the first year and \$1,000,000 the  
11.2 second year are from the trust fund to the  
11.3 commissioner of natural resources to provide  
11.4 matching grants to local units of government  
11.5 for acquisition and development of regional  
11.6 parks, regional trails, and trail connections.  
11.7 The local match required for a grant to  
11.8 acquire a regional park or regional outdoor  
11.9 recreation area is two dollars of nonstate  
11.10 money for each three dollars of state money.  
11.11 This appropriation is available until June  
11.12 30, 2014, by which time the project must be  
11.13 completed and final products delivered.  
11.14 **(e) Scientific and Natural Area Acquisition**  
11.15 **and Restoration**  
11.16 \$1,640,000 the first year and \$1,640,000  
11.17 the second year are from the trust fund  
11.18 to the commissioner of natural resources  
11.19 to acquire lands with high-quality native  
11.20 plant communities and rare features to be  
11.21 established as scientific and natural areas  
11.22 as provided in Minnesota Statutes, section  
11.23 86A.05, subdivision 5, restore parts of  
11.24 scientific and natural areas, and provide  
11.25 technical assistance and outreach. A list  
11.26 of proposed acquisitions must be provided  
11.27 as part of the required work program.  
11.28 Land acquired with this appropriation  
11.29 must be sufficiently improved to meet at  
11.30 least minimum management standards, as  
11.31 determined by the commissioner of natural  
11.32 resources. This appropriation is available  
11.33 until June 30, 2014, by which time the  
11.34 project must be completed and final products  
11.35 delivered.

- 12.1 (f) LaSalle Lake Scientific and Natural  
12.2 Area Acquisition
- 12.3 \$1,000,000 the first year and \$1,000,000 the  
12.4 second year are from the trust fund to the  
12.5 commissioner of natural resources for an  
12.6 agreement with The Trust for Public Land  
12.7 to acquire approximately 190 acres to be  
12.8 designated as a scientific and natural area  
12.9 as provided in Minnesota Statutes, section  
12.10 86A.05, subdivision 5, on LaSalle Lake  
12.11 adjacent to the upper Mississippi River. If  
12.12 this acquisition is not completed by July 15,  
12.13 2012, then the appropriation is available to  
12.14 the Department of Natural Resources for  
12.15 other scientific and natural area acquisitions  
12.16 on the priority list. Up to \$10,000 may  
12.17 be retained by the Department of Natural  
12.18 Resources at the request of The Trust for  
12.19 Public Land for transaction costs, associated  
12.20 professional services, and restoration needs.
- 12.21 (g) Minnesota River Valley Green  
12.22 Corridor Scientific and Natural Area  
12.23 Acquisition
- 12.24 \$1,000,000 the first year and \$1,000,000  
12.25 the second year are from the trust fund  
12.26 to the commissioner of natural resources  
12.27 for an agreement with the Redwood Area  
12.28 Communities Foundation to acquire lands  
12.29 with high-quality native plant communities  
12.30 and rare features to be established as scientific  
12.31 and natural areas as provided in Minnesota  
12.32 Statutes, section 86A.05, subdivision 5. A list  
12.33 of proposed acquisitions must be provided  
12.34 as part of the required work program.  
12.35 Land acquired with this appropriation

13.1 must be sufficiently improved to meet at  
13.2 least minimum management standards, as  
13.3 determined by the commissioner of natural  
13.4 resources. Up to \$54,000 may be retained by  
13.5 the Department of Natural Resources at the  
13.6 request of the Redwood Area Communities  
13.7 Foundation for transaction costs, associated  
13.8 professional services, and restoration needs.  
13.9 This appropriation is available until June  
13.10 30, 2014, by which time the project must be  
13.11 completed and final products delivered.

13.12 **(h) Native Prairie Stewardship and Native**  
13.13 **Prairie Bank Acquisition**

13.14 \$500,000 the first year and \$500,000 the  
13.15 second year are from the trust fund to the  
13.16 commissioner of natural resources to acquire  
13.17 native prairie bank easements, prepare  
13.18 baseline property assessments, restore and  
13.19 enhance native prairie sites, and provide  
13.20 technical assistance to landowners. This  
13.21 appropriation is available until June 30,  
13.22 2014, by which time the project must be  
13.23 completed and final products delivered.

13.24 **(i) Metropolitan Conservation Corridors**  
13.25 **(MeCC) - Phase VI**

13.26 \$1,737,000 the first year and \$1,738,000  
13.27 the second year are from the trust fund  
13.28 to the commissioner of natural resources  
13.29 for the acceleration of agency programs  
13.30 and cooperative agreements. Of this  
13.31 appropriation, \$150,000 the first year  
13.32 and \$150,000 the second year are to the  
13.33 commissioner of natural resources for  
13.34 agency programs and \$3,175,000 is for the  
13.35 agreements as follows: \$100,000 the first

14.1 year and \$100,000 the second year with  
14.2 Friends of the Mississippi River; \$517,000  
14.3 the first year and \$518,000 the second year  
14.4 with Dakota County; \$300,000 the first year  
14.5 and \$300,000 the second year with Great  
14.6 River Greening; \$220,000 the first year and  
14.7 \$220,000 the second year with Minnesota  
14.8 Land Trust; \$200,000 the first year and  
14.9 \$200,000 the second year with Minnesota  
14.10 Valley National Wildlife Refuge Trust, Inc.;  
14.11 and \$250,000 the first year and \$250,000  
14.12 the second year with The Trust for Public  
14.13 Land for planning, restoring, and protecting  
14.14 priority natural areas in the metropolitan area,  
14.15 as defined under Minnesota Statutes, section  
14.16 473.121, subdivision 2, and portions of the  
14.17 surrounding counties, through contracted  
14.18 services, technical assistance, conservation  
14.19 easements, and fee title acquisition. Land  
14.20 acquired with this appropriation must  
14.21 be sufficiently improved to meet at least  
14.22 minimum management standards, as  
14.23 determined by the commissioner of natural  
14.24 resources. Expenditures are limited to the  
14.25 identified project corridor areas as defined  
14.26 in the work program. This appropriation  
14.27 may not be used for the purchase of  
14.28 habitable residential structures, unless  
14.29 expressly approved in the work program. All  
14.30 conservation easements must be perpetual  
14.31 and have a natural resource management  
14.32 plan. Any land acquired in fee title by the  
14.33 commissioner of natural resources with  
14.34 money from this appropriation must be  
14.35 designated as an outdoor recreation unit  
14.36 under Minnesota Statutes, section 86A.07.



15.1 The commissioner may similarly designate  
15.2 any lands acquired in less than fee title. A  
15.3 list of proposed restorations and fee title  
15.4 and easement acquisitions must be provided  
15.5 as part of the required work program. An  
15.6 entity that acquires a conservation easement  
15.7 with appropriations from the trust fund  
15.8 must have a long-term stewardship plan  
15.9 for the easement and a fund established for  
15.10 monitoring and enforcing the agreement.  
15.11 Money appropriated from the trust fund for  
15.12 easement acquisition may be used to establish  
15.13 a monitoring, management, and enforcement  
15.14 fund as approved in the work program. An  
15.15 annual financial report is required for any  
15.16 monitoring, management, and enforcement  
15.17 fund established, including expenditures  
15.18 from the fund. This appropriation is available  
15.19 until June 30, 2014, by which time the  
15.20 project must be completed and final products  
15.21 delivered.

15.22 (j) **Habitat Conservation Partnership**  
15.23 **(HCP) - Phase VII**  
15.24 \$1,737,000 the first year and \$1,738,000  
15.25 the second year are from the trust fund  
15.26 to the commissioner of natural resources  
15.27 for the acceleration of agency programs  
15.28 and cooperative agreements. Of this  
15.29 appropriation, \$125,000 the first year  
15.30 and \$125,000 the second year are to the  
15.31 commissioner of natural resources for  
15.32 agency programs and \$3,225,000 is for  
15.33 agreements as follows: \$637,000 the first  
15.34 year and \$638,000 the second year with  
15.35 Ducks Unlimited, Inc.; \$38,000 the first year  
15.36 and \$37,000 the second year with Friends

16.1 of Detroit Lakes Wetland Management  
16.2 District; \$25,000 the first year and \$25,000  
16.3 the second year with Leech Lake Band of  
16.4 Ojibwe; \$225,000 the first year and \$225,000  
16.5 the second year with Minnesota Land Trust;  
16.6 \$200,000 the first year and \$200,000 the  
16.7 second year with Minnesota Valley National  
16.8 Wildlife Refuge Trust, Inc.; \$242,000 the  
16.9 first year and \$243,000 the second year  
16.10 with Pheasants Forever, Inc.; and \$245,000  
16.11 the first year and \$245,000 the second year  
16.12 with The Trust for Public Land to plan,  
16.13 restore, and acquire fragmented landscape  
16.14 corridors that connect areas of quality habitat  
16.15 to sustain fish, wildlife, and plants. The  
16.16 United States Department of Agriculture,  
16.17 Natural Resources Conservation Service,  
16.18 is an authorized cooperating partner in the  
16.19 appropriation. Expenditures are limited to  
16.20 the project corridor areas as defined in the  
16.21 work program. Land acquired with this  
16.22 appropriation must be sufficiently improved  
16.23 to meet at least minimum habitat and facility  
16.24 management standards, as determined by  
16.25 the commissioner of natural resources.  
16.26 This appropriation may not be used for the  
16.27 purchase of habitable residential structures,  
16.28 unless expressly approved in the work  
16.29 program. All conservation easements must  
16.30 be perpetual and have a natural resource  
16.31 management plan. Any land acquired in fee  
16.32 title by the commissioner of natural resources  
16.33 with money from this appropriation must  
16.34 be designated as an outdoor recreation unit  
16.35 under Minnesota Statutes, section 86A.07.  
16.36 The commissioner may similarly designate

17.1 any lands acquired in less than fee title. A  
17.2 list of proposed restorations and fee title  
17.3 and easement acquisitions must be provided  
17.4 as part of the required work program. An  
17.5 entity who acquires a conservation easement  
17.6 with appropriations from the trust fund  
17.7 must have a long-term stewardship plan  
17.8 for the easement and a fund established for  
17.9 monitoring and enforcing the agreement.  
17.10 Money appropriated from the trust fund for  
17.11 easement acquisition may be used to establish  
17.12 a monitoring, management, and enforcement  
17.13 fund as approved in the work program. An  
17.14 annual financial report is required for any  
17.15 monitoring, management, and enforcement  
17.16 fund established, including expenditures  
17.17 from the fund. This appropriation is available  
17.18 until June 30, 2014, by which time the  
17.19 project must be completed and final products  
17.20 delivered.

17.21 **(k) Natural and Scenic Area Acquisition**

17.22 **Grants**

17.23 \$500,000 the first year and \$500,000 the  
17.24 second year are from the trust fund to the  
17.25 commissioner of natural resources to provide  
17.26 matching grants to local governments for  
17.27 acquisition of natural and scenic areas, as  
17.28 provided in Minnesota Statutes, section  
17.29 85.019, subdivision 4a. This appropriation  
17.30 is available until June 30, 2014, by which  
17.31 time the project must be completed and final  
17.32 products delivered.

17.33 **(l) Acceleration of Minnesota Conservation**

17.34 **Assistance**

18.1 \$250,000 the first year and \$250,000 the  
18.2 second year are from the trust fund to the  
18.3 Board of Water and Soil Resources to provide  
18.4 grants to soil and water conservation districts  
18.5 to provide technical assistance to secure  
18.6 enrollment and retention of private lands in  
18.7 federal and state programs for conservation.

18.8 **(m) Conservation Easement Stewardship**  
18.9 **and Enforcement Program - Phase II**

18.10 \$250,000 the first year and \$250,000 the  
18.11 second year are from the trust fund to  
18.12 the commissioner of natural resources to  
18.13 accelerate the implementation of the Phase  
18.14 I Conservation Easement Stewardship Plan  
18.15 being developed with an appropriation  
18.16 from Laws 2008, chapter 367, section 2,  
18.17 subdivision 5, paragraph (h).

18.18 **(n) Gulf Oil Spill Impacts on Minnesota's**  
18.19 **Migratory Bird Species**

18.20 \$125,000 the first year and \$125,000  
18.21 the second year are from the trust fund  
18.22 to commissioner of natural resources in  
18.23 cooperation with and for agreements with  
18.24 the United States Geological Survey, the  
18.25 University of Minnesota, and North Dakota  
18.26 State University to assess the impact of the  
18.27 Gulf oil spill on migratory populations of  
18.28 common loons and American white pelicans  
18.29 in Minnesota and share the information  
18.30 with the public and for other related efforts.  
18.31 Expenses for management of contracted  
18.32 services incurred for this appropriation shall  
18.33 be paid from subdivision 9, paragraph (b).  
18.34 This appropriation is available until June

19.1 30, 2014, by which time the project must be  
19.2 completed and final products delivered.

19.3 **(o) Recovery of At-Risk Native Prairie**  
19.4 **Species**

19.5 \$73,000 the first year and \$74,000 the second  
19.6 year are from the trust fund to the Board of  
19.7 Water and Soil Resources for an agreement  
19.8 with the Martin County Soil and Water  
19.9 Conservation District to collect, propagate,  
19.10 and plant declining, at-risk native species  
19.11 on protected habitat and to enhance private  
19.12 market sources for local ecotype native seed.

19.13 This appropriation is available until June  
19.14 30, 2014, by which time the project must be  
19.15 completed and final products delivered.

19.16 **(p) Controlling Encroachment of Woody**  
19.17 **Vegetation in Grasslands**

19.18 \$100,000 the first year and \$100,000 the  
19.19 second year are from the trust fund to  
19.20 the commissioner of natural resources to  
19.21 evaluate treatments and identify the most  
19.22 effective methods for controlling woody  
19.23 vegetation in prairies and grasslands. This  
19.24 appropriation is available until June 30,  
19.25 2014, by which time the project must be  
19.26 completed and final products delivered.

19.27 **(q) Understanding Threats, Genetic**  
19.28 **Diversity, and Conservation Options for**  
19.29 **Wild Rice**

19.30 \$97,000 the first year and \$98,000 the second  
19.31 year are from the trust fund to the Board  
19.32 of Regents of the University of Minnesota  
19.33 to research the genetic diversity of wild  
19.34 rice population throughout Minnesota for  
19.35 use in related conservation and restoration

20.1 efforts. This appropriation is contingent upon  
20.2 demonstration of review and cooperation  
20.3 with the Native American tribal nations  
20.4 in Minnesota. Equipment purchased with  
20.5 this appropriation must be available for  
20.6 future publicly funded projects at no charge  
20.7 except for typical operating expenses. This  
20.8 appropriation is available until June 30,  
20.9 2014, by which time the project must be  
20.10 completed and final products delivered.

20.11 **(r) Southeast Minnesota Stream**  
20.12 **Restoration**

20.13 \$125,000 the first year and \$125,000 the  
20.14 second year are from the trust fund to the  
20.15 commissioner of natural resources for an  
20.16 agreement with Trout Unlimited to restore at  
20.17 least four miles of riparian corridor for trout  
20.18 and nongame species in southeast Minnesota  
20.19 and increase local capacities to implement  
20.20 stream restoration through training and  
20.21 technical assistance. This appropriation is  
20.22 available until June 30, 2014, by which time  
20.23 the project must be completed and final  
20.24 products delivered.

20.25 **(s) Restoration Strategies for Ditched**  
20.26 **Peatland Scientific and Natural Areas**  
20.27 \$100,000 the first year and \$100,000 the  
20.28 second year are from the trust fund to the  
20.29 commissioner of natural resources to evaluate  
20.30 the hydrology and habitat of the Winter Road  
20.31 Lake peatland watershed protection area to  
20.32 determine the effects of ditch abandonment  
20.33 and examine the potential for restoration  
20.34 of patterned peatlands. This appropriation  
20.35 is available until June 30, 2014, by which

21.1 time the project must be completed and final  
21.2 products delivered.

21.3 **(t) Northeast Minnesota White Cedar**

21.4 **Plant Community Restoration**

21.5 \$125,000 for the first year and \$125,000  
21.6 the second year are from the trust fund to  
21.7 the Board of Water and Soil Resources to  
21.8 assess the decline of northern white cedar  
21.9 plant communities in northeast Minnesota,  
21.10 prioritize cedar sites for restoration, and  
21.11 provide cedar restoration training to local  
21.12 units of government.

21.13 **(u) Restoring North Shore Forests**

21.14 \$31,000 the first year and \$32,000 the  
21.15 second year are from the trust fund to  
21.16 the commissioner of natural resources for  
21.17 an agreement with Sugarloaf: The North  
21.18 Shore Stewardship Association to provide  
21.19 forest stewardship plans, training, and tree  
21.20 planting assistance for Lake Superior coastal  
21.21 landowners with property sizes less than 20  
21.22 acres who are not eligible for other state  
21.23 stewardship programs. This appropriation  
21.24 is available until June 30, 2014, by which  
21.25 time the project must be completed and final  
21.26 products delivered.

21.27 **(v) Assessment of Tree Retention Forestry**  
21.28 **Harvest Guidelines**

21.29 \$50,000 the first year and \$50,000 the second  
21.30 year are from the trust fund to the Board  
21.31 of Regents of the University of Minnesota  
21.32 for the Natural Resources Research Institute  
21.33 to evaluate the effect of Minnesota's forest  
21.34 management guidelines for tree retention  
21.35 on wildlife populations. This appropriation

22.1 is available until June 30, 2014, by which  
 22.2 time the project must be completed and final  
 22.3 products delivered.

22.4 **(w) Land and Water Conservation Account**

22.5 **(LAWCON) Federal Reimbursement**

22.6 \$750,000 is from the state land and water  
 22.7 conservation account (LAWCON) in the  
 22.8 natural resources fund to the commissioner of  
 22.9 natural resources for priorities established by  
 22.10 the commissioner for eligible state projects  
 22.11 and administrative and planning activities  
 22.12 consistent with Minnesota Statutes, section  
 22.13 116P.14, and the federal Land and Water  
 22.14 Conservation Fund Act. This appropriation  
 22.15 is available until June 30, 2014, by which  
 22.16 time the project must be completed and final  
 22.17 products delivered.

22.18 **Subd. 5. Water Resources**

1,675,000

1,677,000

22.19 **(a) Groundwater Sustainability**

22.20 **Assessment in I-94 Growth Corridor**

22.21 \$225,000 the first year and \$225,000 the  
 22.22 second year are from the trust fund to the  
 22.23 commissioner of administration for the  
 22.24 Environmental Quality Board to assess  
 22.25 groundwater sustainability in the I-94 growth  
 22.26 corridor between the Twin Cities and Saint  
 22.27 Cloud and engage local communities in  
 22.28 understanding groundwater and how it is  
 22.29 impacted by land and water usage. This  
 22.30 appropriation is available until June 30,  
 22.31 2014, by which time the project must be  
 22.32 completed and final products delivered.

22.33 **(b) Lake Superior Water Quality**

22.34 **Monitoring**



23.1 \$250,000 the first year and \$250,000 the  
23.2 second year are from the trust fund to the  
23.3 Board of Regents of the University of  
23.4 Minnesota for the Large Lakes Observatory  
23.5 for research of Lake Superior waters to  
23.6 assess ecosystem health and water quality  
23.7 in response to environmental stresses. This  
23.8 appropriation is available until June 30,  
23.9 2014, by which time the project must be  
23.10 completed and final products delivered.

23.11 **(c) Assessment of Changes in Minnesota's**  
23.12 **Wilderness Lakes**

23.13 \$150,000 the first year and \$150,000 the  
23.14 second year are from the trust fund to the  
23.15 Science Museum of Minnesota, St. Croix  
23.16 Watershed Research Station, to assess  
23.17 recent ecological changes to remote lakes  
23.18 and determine which types of remote  
23.19 lakes are most at risk from observed and  
23.20 predicted changes in climate conditions.  
23.21 This appropriation is available until June  
23.22 30, 2014, by which time the project must be  
23.23 completed and final products delivered.

23.24 **(d) Itasca County Sensitive Lakeshore**  
23.25 **Identification**

23.26 \$80,000 the first year and \$80,000 the  
23.27 second year are from the trust fund to the  
23.28 commissioner of natural resources for an  
23.29 agreement with Itasca County Soil and Water  
23.30 Conservation District to identify sensitive  
23.31 lakeshore and restorable shoreline in Itasca  
23.32 County. Up to \$130,000 may be retained by  
23.33 the Department of Natural Resources at the  
23.34 request of Itasca County to provide technical  
23.35 assistance.

24.1 (e) Trout Stream Springshed Mapping in  
24.2 Southeast Minnesota - Phase III

24.3 \$250,000 the first year and \$250,000 the  
24.4 second year are from the trust fund to  
24.5 continue to identify and delineate water  
24.6 supply areas and springsheds for springs  
24.7 serving as cold water sources for trout  
24.8 streams and to assess the impacts from  
24.9 development and water appropriations. Of  
24.10 this appropriation, \$140,000 each year is to  
24.11 the Board of Regents of the University of  
24.12 Minnesota and \$110,000 each year is to the  
24.13 commissioner of natural resources.

24.14 (f) Mississippi River Water Quality  
24.15 Assessment

24.16 \$278,000 the first year and \$279,000 the  
24.17 second year are from the trust fund to the  
24.18 Board of Regents of the University of  
24.19 Minnesota to assess water quality in the  
24.20 Mississippi River using DNA sequencing  
24.21 approaches and chemical analyses. The  
24.22 assessments shall be incorporated into  
24.23 a Web-based educational tool for use  
24.24 in classrooms and public exhibits. This  
24.25 appropriation is available until June 30,  
24.26 2014, by which time the project must be  
24.27 completed and final products delivered.

24.28 (g) Zumbro River Watershed Restoration  
24.29 Prioritization

24.30 \$75,000 the first year and \$75,000 the  
24.31 second year are from the trust fund to the  
24.32 commissioner of natural resources for an  
24.33 agreement with the Zumbro Watershed  
24.34 Partnership, Inc. to identify sources of  
24.35 erosion and runoff in the Zumbro River

- 25.1 Watershed in order to prioritize restoration  
25.2 and protection projects.
- 25.3 (h) Assessment of Minnesota River  
25.4 Antibiotic Concentrations
- 25.5 \$95,000 the first year and \$95,000 the  
25.6 second year are from the trust fund to the  
25.7 commissioner of natural resources for an  
25.8 agreement with Saint Thomas University  
25.9 in cooperation with Gustavus Adolphus  
25.10 College and the University of Minnesota  
25.11 to measure antibiotic concentrations and  
25.12 antibiotic resistance levels at sites on the  
25.13 Minnesota River.
- 25.14 (i) Determination of Phosphorus  
25.15 Reduction from Perpetual Easements
- 25.16 \$62,000 the first year and \$63,000 the second  
25.17 year are from the trust fund to the Board of  
25.18 Water and Soil Resources in cooperation  
25.19 with the United States Geologic Survey  
25.20 to evaluate the effectiveness of perpetual  
25.21 easements in reducing phosphorus transport  
25.22 into streams.
- 25.23 (j) Wastewater Phosphorus Filtration  
25.24 Using Recycled By-Products
- 25.25 \$85,000 the first year and \$85,000 the second  
25.26 year are from the trust fund to the Board of  
25.27 Regents of the University of Minnesota for  
25.28 the Natural Resources Research Institute to  
25.29 evaluate the use of recycled iron by-products  
25.30 and waste products for wastewater filtration  
25.31 to remove phosphorus from surface water.
- 25.32 (k) Community-Based Reduction of Water  
25.33 Contaminants

26.1 \$125,000 the first year and \$125,000 the  
 26.2 second year are from the trust fund to the  
 26.3 commissioner of natural resources for an  
 26.4 agreement with the Institute for Agriculture  
 26.5 and Trade Policy to assist in helping local  
 26.6 governments in the identification and  
 26.7 implementation of green practices within  
 26.8 communities to reduce estrogenic chemical  
 26.9 water pollution.

26.10 **Subd. 6. Aquatic and Terrestrial Invasive**  
 26.11 **Species**

605,000

605,000

26.12 **(a) Improved Detection of Harmful**  
 26.13 **Microbes in Ballast Water**

26.14 \$125,000 the first year and \$125,000 the  
 26.15 second year are from the trust fund to the  
 26.16 Board of Regents of the University of  
 26.17 Minnesota for the University of Minnesota  
 26.18 Duluth to identify and analyze potentially  
 26.19 harmful bacteria transported into Lake  
 26.20 Superior through ship ballast water  
 26.21 discharge. This appropriation is available  
 26.22 until June 30, 2014, by which time the  
 26.23 project must be completed and final products  
 26.24 delivered.

26.25 **(b) Emerald Ash Borer Biocontrol**  
 26.26 **Research and Implementation**

26.27 \$250,000 the first year and \$250,000 the  
 26.28 second year are from the trust fund to the  
 26.29 commissioner of agriculture to assess a  
 26.30 biocontrol method for suppressing emerald  
 26.31 ash borers by testing bioagent winter survival  
 26.32 potential, developing release and monitoring  
 26.33 methods, and piloting implementation  
 26.34 of emerald ash borer biocontrol. This  
 26.35 appropriation is available until June 30,

27.1 2014, by which time the project must be  
 27.2 completed and final products delivered.

27.3 **(c) Emerald Ash Borer Landscape**

27.4 **Management Impacts**

27.5 \$170,000 the first year and \$170,000 the  
 27.6 second year are from the trust fund to the  
 27.7 Board of Regents of the University of  
 27.8 Minnesota to research impacts of insecticides  
 27.9 used for managing emerald ash borers on  
 27.10 other insects and birds. This appropriation  
 27.11 is available until June 30, 2014, by which  
 27.12 time the project must be completed and final  
 27.13 products delivered.

27.14 **(d) Evaluation of Switchgrass as Biofuel**

27.15 **Crop**

27.16 \$60,000 the first year and \$60,000 the second  
 27.17 year are from the trust fund to the Minnesota  
 27.18 State Colleges and Universities System for  
 27.19 Central Lakes College in cooperation with  
 27.20 the University of Minnesota to determine  
 27.21 the invasion risk of selectively bred  
 27.22 native grasses for biofuel production and  
 27.23 develop strategies to minimize the invasion  
 27.24 potential and impacts on biodiversity. This  
 27.25 appropriation is available until June 30,  
 27.26 2014, by which time the project must be  
 27.27 completed and final products delivered.

27.28 **Subd. 7. Renewable Energy and Air Quality**

925,000

925,000

27.29 **(a) Peatland Carbon Sequestration**

27.30 \$200,000 the first year and \$200,000 the  
 27.31 second year are from the trust fund to  
 27.32 the commissioner of natural resources in  
 27.33 cooperation with the University of Minnesota  
 27.34 to measure carbon uptake and methane

28.1 release in healthy and altered peatlands  
28.2 and develop strategies for landscape-level  
28.3 peatland restoration and carbon sequestration  
28.4 implementation. This appropriation is  
28.5 available until June 30, 2014, by which time  
28.6 the project must be completed and final  
28.7 products delivered.

28.8 **(b) Addressing Ozone Pollution in**  
28.9 **Minnesota**

28.10 \$125,000 the first year and \$125,000 the  
28.11 second year are from the trust fund to the  
28.12 Board of Regents of the University of  
28.13 Minnesota to research ozone pollution and  
28.14 exposure in Minnesota and examine the  
28.15 effectiveness and environmental equality of  
28.16 potential control options.

28.17 **(c) Optimizing Biogas Role in Meeting**  
28.18 **Minnesota's Energy Goals**

28.19 \$150,000 the first year and \$150,000 the  
28.20 second year are from the trust fund to the  
28.21 commissioner of natural resources for an  
28.22 agreement with the Great Plains Institute  
28.23 to evaluate market, technical, and policy  
28.24 barriers to broader adoption of biogas in  
28.25 meeting Minnesota's energy needs and  
28.26 develop recommendations for overcoming  
28.27 those barriers.

28.28 **(d) Supporting Community-Driven**  
28.29 **Sustainable Bioenergy Projects**

28.30 \$75,000 the first year and \$75,000 the  
28.31 second year are from the trust fund to  
28.32 the commissioner of natural resources  
28.33 for an agreement with Dovetail Partners,  
28.34 Inc. in cooperation with the University of  
28.35 Minnesota to assess feasibility, impacts,

29.1 and management needs of community-scale  
 29.2 forest bioenergy systems through pilot  
 29.3 studies in Ely and Cook County and to  
 29.4 disseminate findings to inform related efforts  
 29.5 in other communities.

29.6 **(e) Low Environmental Impact**  
 29.7 **Sustainable Neighborhoods**

29.8 \$125,000 the first year and \$125,000 the  
 29.9 second year are from the trust fund to  
 29.10 the Board of Regents of the University  
 29.11 of Minnesota to assess the feasibility and  
 29.12 conduct preliminary design for a replicable,  
 29.13 cost-effective neighborhood-scale district  
 29.14 system for energy, water, recycling, and  
 29.15 waste that optimizes conservation and  
 29.16 efficiency.

29.17 **(f) Conservation Corps Training and**  
 29.18 **Low-Income Solar Home-Heating**  
 29.19 **Installation**

29.20 \$250,000 the first year and \$250,000 the  
 29.21 second year are from the trust fund to  
 29.22 the commissioner of natural resources for  
 29.23 an agreement with Conservation Corps  
 29.24 Minnesota in cooperation with the Rural  
 29.25 Renewable Energy Alliance to train corps  
 29.26 members for renewable energy jobs and  
 29.27 provide installation of solar heating systems  
 29.28 for low-income families. An energy budget  
 29.29 and cost savings calculation must be provided  
 29.30 and, to the extent possible, the solar panel  
 29.31 fabrication must be done in Minnesota.

29.32	<b><u>Subd. 8. Environmental Education</u></b>	<u>1,356,000</u>	<u>1,358,000</u>
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29.33 **(a) Minnesota Schools Conserving Energy**  
 29.34 **and Water**

30.1 \$412,000 the first year and \$413,000 the  
30.2 second year are from the trust fund to the  
30.3 commissioner of the Pollution Control  
30.4 Agency for technical assistance and grants  
30.5 to high school student-led teams to integrate  
30.6 long-term energy and water conservation  
30.7 savings into daily school operations,  
30.8 create model school-utility partnerships,  
30.9 and develop student leadership. This  
30.10 appropriation is available until June 30,  
30.11 2014, by which time the project must be  
30.12 completed and final products delivered.

30.13 **(b) Youth-Led Renewable Energy and**  
30.14 **Energy Conservation in West Central and**  
30.15 **Southwest Minnesota**

30.16 \$123,000 the first year and \$123,000 the  
30.17 second year are from the trust fund to  
30.18 the commissioner of natural resources  
30.19 for an agreement with Prairie Woods  
30.20 Environmental Learning Center to initiate  
30.21 youth-led renewable energy and conservation  
30.22 projects in over thirty communities in west  
30.23 central and southwest Minnesota.

30.24 **(c) Minnesota Junior Master Naturalist**  
30.25 **Program**

30.26 \$182,000 the first year and \$183,000 the  
30.27 second year are from the trust fund to the  
30.28 Board of Regents of the University of  
30.29 Minnesota to expand the junior naturalist  
30.30 after-school programs. This appropriation  
30.31 is available until June 30, 2014, by which  
30.32 time the project must be completed and final  
30.33 products delivered.

30.34 **(d) Experiential Environmental Education**  
30.35 **for Urban Youth**



31.1 \$354,000 the first year and \$354,000 the  
31.2 second year are from the trust fund to  
31.3 the commissioner of natural resources for  
31.4 an agreement with Hennepin County in  
31.5 partnership with The City, Inc. to initiate new  
31.6 environmental education programs targeting  
31.7 inner-city youth that provide hands-on,  
31.8 experiential outdoor learning opportunities.  
31.9 This appropriation is available until June  
31.10 30, 2014, by which time the project must be  
31.11 completed and final products delivered.

31.12 **(e) Eagles Linking Students to Science and**  
31.13 **Nature**

31.14 \$85,000 the first year and \$85,000 the second  
31.15 year are from the trust fund to the Board  
31.16 of Regents of the University of Minnesota  
31.17 for The Raptor Center to engage students  
31.18 in exploring science and nature through  
31.19 curriculum built on real-life case studies of  
31.20 raptors treated at The Raptor Center and  
31.21 eagles tracked for post-release monitoring.

31.22 **(f) Cross-Cultural Cooperation in Fish**  
31.23 **and Wildlife Conservation**

31.24 \$200,000 the first year and \$200,000 the  
31.25 second year are from the trust fund to  
31.26 the commissioner of natural resources  
31.27 to collaborate with the Southeast Asian  
31.28 community on a tagging study and creel  
31.29 survey of white bass and to develop  
31.30 and implement cross-cultural training  
31.31 and workshops on hunting and fishing  
31.32 conservation regulations, ethics, and  
31.33 management. This appropriation is available  
31.34 until June 30, 2014, by which time the

32.1 project must be completed and final products  
 32.2 delivered.

32.3 Subd. 9. Administration and Contract  
 32.4 Management

701,000

701,000

32.5 (a) Legislative-Citizen Commission on  
 32.6 Minnesota Resources (LCCMR)

32.7 \$591,000 the first year and \$591,000 the  
 32.8 second year are from the trust fund to the  
 32.9 LCCMR for administration as provided  
 32.10 in Minnesota Statutes, section 116P.09,  
 32.11 subdivision 5.

32.12 (b) Contract Management

32.13 \$110,000 the first year and \$110,000 the  
 32.14 second year are from the trust fund to  
 32.15 the Legislative-Citizen Commission on  
 32.16 Minnesota Resources to contract with the  
 32.17 commissioner of natural resources for  
 32.18 expenses incurred for contract fiscal services  
 32.19 for the agreements specified in this section.

32.20 The contract management services must  
 32.21 be done on a reimbursement basis. This  
 32.22 appropriation is available until June 30,  
 32.23 2014, by which time the project must be  
 32.24 completed and final products delivered.

32.25 Subd. 10. Availability of Appropriations

32.26 Money appropriated in this section may  
 32.27 not be spent on activities unless they are  
 32.28 directly related to the specific appropriation  
 32.29 and are specified in the approved work  
 32.30 program. Money appropriated in this section  
 32.31 must not be spent on indirect costs or other  
 32.32 institutional overhead charges. Unless  
 32.33 otherwise provided, the amounts in this  
 32.34 section are available until June 30, 2013,  
 32.35 when projects must be completed and final

33.1 products delivered. For acquisition of real  
33.2 property, the amounts in this section are  
33.3 available until June 30, 2014, if a binding  
33.4 contract is entered into by June 30, 2013,  
33.5 and closed not later than June 30, 2014. If  
33.6 a project receives a federal grant, the time  
33.7 period of the appropriation is extended to  
33.8 equal the federal grant period.

33.9 **Subd. 11. Data Availability Requirements**

33.10 Data collected by the projects funded under  
33.11 this section must conform to guidelines and  
33.12 standards adopted by the Office of Enterprise  
33.13 Technology. Spatial data also must conform  
33.14 to additional guidelines and standards  
33.15 designed to support data coordination and  
33.16 distribution that have been published by the  
33.17 Minnesota Geospatial Information Office.

33.18 Descriptions of spatial data must be prepared  
33.19 as specified in the state's geographic metadata  
33.20 guideline and must be submitted to the  
33.21 Minnesota Geospatial Information Office.

33.22 All data must be accessible and free to the  
33.23 public unless made private under the Data  
33.24 Practices Act, Minnesota Statutes, chapter  
33.25 13.

33.26 To the extent practicable, summary data and  
33.27 results of projects funded under this section  
33.28 should be readily accessible on the Internet  
33.29 and identified as an environment and natural  
33.30 resources trust fund project.

33.31 **Subd. 12. Project Requirements**

33.32 (a) As a condition of accepting an  
33.33 appropriation under this section, any agency  
33.34 or entity receiving an appropriation or a  
33.35 party to an agreement from an appropriation

34.1 must comply with paragraphs (b) to (l) and  
34.2 Minnesota Statutes, chapter 116P, and must  
34.3 submit a work program and semiannual  
34.4 progress reports in the form determined  
34.5 by the Legislative-Citizen Commission on  
34.6 Minnesota Resources for any project funded  
34.7 in whole or in part with funds from the  
34.8 appropriation.

34.9 (b) To the extent possible, a person  
34.10 conducting restoration with money  
34.11 appropriated under this section must plant  
34.12 vegetation only of ecotypes native to  
34.13 Minnesota and preferably of the local  
34.14 ecotype using a high diversity of species  
34.15 originating as close to the restoration site as  
34.16 possible and, when restoring prairies, protect  
34.17 existing prairies from genetic contamination.  
34.18 Use of seeds and plant materials beyond these  
34.19 requirements must be expressly approved in  
34.20 the work program.

34.21 (c) For all restorations conducted with money  
34.22 appropriated under this section, a recipient  
34.23 must prepare an ecological restoration  
34.24 and management plan that, to the degree  
34.25 practicable, is consistent with the highest  
34.26 quality conservation and ecological goals for  
34.27 the restoration site. Consideration should  
34.28 be given to soil, geology, topography, and  
34.29 other relevant factors that would provide  
34.30 the best chance for long-term success of the  
34.31 restoration projects. The plan must include  
34.32 the proposed timetable for implementing  
34.33 the restoration, including site preparation,  
34.34 establishment of diverse plant species,  
34.35 maintenance, and additional enhancement to  
34.36 establish the restoration; identify long-term

35.1 maintenance and management needs of  
35.2 the restoration and how the maintenance,  
35.3 management, and enhancement will be  
35.4 financed; and take advantage of the best  
35.5 available science and include innovative  
35.6 techniques to achieve the best restoration.

35.7 (d) Any entity receiving an appropriation in  
35.8 this section for restoration activities must  
35.9 provide an initial restoration evaluation  
35.10 at the completion of the appropriation  
35.11 and an evaluation three years beyond the  
35.12 completion of the expenditure. Restorations  
35.13 must be evaluated relative to the stated  
35.14 goals and standards in the restoration plan,  
35.15 current science, and, when applicable, the  
35.16 Board of Water and Soil Resources' native  
35.17 vegetation establishment and enhancement  
35.18 guidelines. The evaluation shall determine  
35.19 whether the restorations are meeting planned  
35.20 goals, identify any problems with the  
35.21 implementation of the restorations, and,  
35.22 if necessary, give recommendations on  
35.23 improving restorations. The evaluation shall  
35.24 be focused on improving future restorations.

35.25 (e) Except as otherwise provided in this  
35.26 section, all restoration and enhancement  
35.27 projects funded with money appropriated in  
35.28 this section must be on land permanently  
35.29 protected by a conservation easement or  
35.30 public ownership or in public waters as  
35.31 defined in Minnesota Statutes, section  
35.32 103G.005, subdivision 15.

35.33 (f) A recipient of money from an  
35.34 appropriation under this section must  
35.35 give consideration to contracting with

36.1 Conservation Corps Minnesota or its  
36.2 successor for contract restoration and  
36.3 enhancement services.

36.4 (g) All conservation easements acquired with  
36.5 money appropriated under this section must:

36.6 (1) be perpetual;

36.7 (2) specify the parties to an easement in the  
36.8 easement;

36.9 (3) specify all of the provisions of an  
36.10 agreement that are perpetual;

36.11 (4) be sent to the Office of the  
36.12 Legislative-Citizen Commission on  
36.13 Minnesota Resources in an electronic format;

36.14 (5) include a long-term monitoring and  
36.15 enforcement plan and funding for monitoring  
36.16 and enforcing the easement agreement; and

36.17 (6) include requirements in the easement  
36.18 document to address specific water quality  
36.19 protection activities such as keeping water  
36.20 on the landscape, reducing nutrient and  
36.21 contaminant loading, protecting groundwater,  
36.22 and not permitting artificial hydrological  
36.23 modifications.

36.24 (h) For any acquisition of land or interest in  
36.25 land, a recipient of money appropriated under  
36.26 this section must give priority to high quality  
36.27 natural resources or conservation lands that  
36.28 provide natural buffers to water resources.

36.29 (i) For new lands acquired with money  
36.30 appropriated under this section, a recipient  
36.31 must prepare a restoration and management  
36.32 plan in compliance with paragraph  
36.33 (c), including sufficient funding for  
36.34 implementation unless the work program

37.1 addresses why a portion of the money is  
37.2 not necessary to achieve a high quality  
37.3 restoration.

37.4 (j) To the extent an appropriation is used to  
37.5 acquire an interest in real property, a recipient  
37.6 of an appropriation under this section must  
37.7 provide to the Legislative-Citizen  
37.8 Commission on Minnesota Resources and  
37.9 the commissioner of management and budget  
37.10 an analysis of increased operations and  
37.11 maintenance costs likely to be incurred by  
37.12 public entities as a result of the acquisition  
37.13 and how these costs are to be paid.

37.14 (k) To ensure public accountability for the  
37.15 use of public funds, a recipient of money  
37.16 appropriated under this section must provide  
37.17 to the Legislative-Citizen Commission on  
37.18 Minnesota Resources documentation of the  
37.19 selection process used to identify parcels  
37.20 acquired and provide documentation of all  
37.21 related transaction costs, including but not  
37.22 limited to appraisals, legal fees, recording  
37.23 fees, commissions, other similar costs,  
37.24 and donations. This information must be  
37.25 provided for all parties involved in the  
37.26 transaction. The recipient must also report  
37.27 to the Legislative-Citizen Commission on  
37.28 Minnesota Resources any difference between  
37.29 the acquisition amount paid to the seller  
37.30 and the state-certified or state-reviewed  
37.31 appraisal, if a state-certified or state-reviewed  
37.32 appraisal was conducted. Acquisition data  
37.33 such as appraisals may remain private  
37.34 during negotiations but must ultimately  
37.35 be made public according to Minnesota  
37.36 Statutes, chapter 13. The Legislative-Citizen

38.1 Commission on Minnesota Resources shall  
38.2 review the requirement in this paragraph  
38.3 and provide a recommendation on whether  
38.4 to continue or modify the requirement in  
38.5 future years. The commission may waive  
38.6 the application of this paragraph for specific  
38.7 projects.

38.8 (1) A recipient of an appropriation from  
38.9 the trust fund under this section must  
38.10 acknowledge financial support from the  
38.11 Minnesota environment and natural resources  
38.12 trust fund in project publications, signage,  
38.13 and other public communications and  
38.14 outreach related to work completed using the  
38.15 appropriation. Acknowledgment may occur,  
38.16 as appropriate, through use of the trust fund  
38.17 logo or inclusion of language attributing  
38.18 support from the trust fund.

38.19 **Subd. 13. Payment Conditions and Capital**  
38.20 **Equipment Expenditures**

38.21 All agreements, grants, or contracts referred  
38.22 to in this section must be administered on  
38.23 a reimbursement basis unless otherwise  
38.24 provided in this section. Notwithstanding  
38.25 Minnesota Statutes, section 16A.41,  
38.26 expenditures made on or after July 1,  
38.27 2011, or the date the work program is  
38.28 approved, whichever is later, are eligible for  
38.29 reimbursement unless otherwise provided  
38.30 in this section. Periodic payment must  
38.31 be made upon receiving documentation  
38.32 that the deliverable items articulated in  
38.33 the approved work program have been  
38.34 achieved, including partial achievements  
38.35 as evidenced by approved progress reports.  
38.36 Reasonable amounts may be advanced to



39.1 projects to accommodate cash flow needs or  
39.2 match federal money. The advances must  
39.3 be approved as part of the work program.  
39.4 No expenditures for capital equipment are  
39.5 allowed unless expressly authorized in the  
39.6 project work program.

39.7 **Subd. 14. Purchase of Recycled and Recyclable**  
39.8 **Materials**

39.9 A political subdivision, public or private  
39.10 corporation, or other entity that receives an  
39.11 appropriation under this section must use the  
39.12 appropriation in compliance with Minnesota  
39.13 Statutes, section 16B.121, regarding  
39.14 purchase of recycled, repairable, and durable  
39.15 materials; and Minnesota Statutes, section  
39.16 16B.122, regarding purchase and use of  
39.17 paper stock and printing.

39.18 **Subd. 15. Energy Conservation and**  
39.19 **Sustainable Building Guidelines**

39.20 A recipient to whom an appropriation is made  
39.21 under this section for a capital improvement  
39.22 project must ensure that the project complies  
39.23 with the applicable energy conservation and  
39.24 sustainable building guidelines and standards  
39.25 contained in law, including Minnesota  
39.26 Statutes, sections 16B.325, 216C.19, and  
39.27 216C.20, and rules adopted under those  
39.28 sections. The recipient may use the energy  
39.29 planning, advocacy, and State Energy Office  
39.30 units of the Department of Commerce to  
39.31 obtain information and technical assistance  
39.32 on energy conservation and alternative  
39.33 energy development relating to the planning  
39.34 and construction of the capital improvement  
39.35 project.

39.36 **Subd. 16. Accessibility**

40.1 Structural and nonstructural facilities must  
40.2 meet the design standards in the Americans  
40.3 with Disabilities Act (ADA) accessibility  
40.4 guidelines.

40.5 Subd. 17. Carryforward

40.6 (a) The availability of the appropriation for  
40.7 the following projects is extended to June  
40.8 30, 2012:

40.9 (1) Laws 2008, chapter 367, section  
40.10 2, subdivision 4, paragraph (f), Native  
40.11 Shoreland Buffer Incentives Program;

40.12 (2) Laws 2009, chapter 143, section 2,  
40.13 subdivision 4, paragraph (a), State Park  
40.14 Acquisition;

40.15 (3) Laws 2009, chapter 143, section 2,  
40.16 subdivision 4, paragraph (b), State Trail  
40.17 Acquisition; and

40.18 (4) Laws 2009, chapter 143, section 2,  
40.19 subdivision 8, paragraph (a), Contract  
40.20 Management.

40.21 (b) The availability of the appropriation for  
40.22 the following project is extended to June  
40.23 30, 2013: Laws 2010, chapter 362, section  
40.24 2, subdivision 8, paragraph (f), Expanding  
40.25 Outdoor Classrooms at Minnesota Schools.