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State of Minnesota

HOUSE OF REPRESENTATIVES

A bill for an act

relating to state government; appropriating money for environment and natural

EIGHTY-SIXTH SESSION House File No. 2049

March 23, 2009

1.1

1.2

Authored by Wagenius and Carlson

The bill was read for the first time and referred to the Committee on Finance

1.3	resources.		<i>J</i>		
1.4	BE IT ENACTED BY THE LEGISLAT	URE O	FTHE	STATE OF MINNES	OTA:
1.5	Section 1. MINNESOTA RESOUR	CES AI	PROP	RIATION.	
1.6	The sums shown in the columns m	arked ".	Approp	riations" are appropri	ated to the
1.7	agencies and for the purposes specified	in this a	ct. The	appropriations are fr	om the
1.8	environment and natural resources trust	fund, or	anothe	r named fund, and are	e available for
1.9	the fiscal years indicated for each purpor	se. The	figures	"2010" and "2011" u	sed in this
1.10	article mean that the appropriations liste	d under	them a	re available for the fi	scal year
1.11	ending June 30, 2010, or June 30, 2011,	respecti	vely. "	The first year" is fisca	ıl year 2010.
1.12	"The second year" is fiscal year 2011. "The second year" is fiscal year 2011.	Γhe bien	nium" i	is fiscal years 2010 ar	nd 2011.
					ONG
1.13 1.14				APPROPRIATION Available for the	
1.15				Ending June 3	
1.16				2010	<u>2011</u>
1.17					
1.17	Sec. 2. MINNESOTA RESOURCES.				
1.17	Sec. 2. MINNESOTA RESOURCES. Subdivision 1. Total Appropriation		<u>\$</u>	<u>26,088,000</u> <u>\$</u>	<u>-0-</u>
			<u>\$</u>	<u>26,088,000</u> \$	<u>-0-</u>
1.18	Subdivision 1. Total Appropriation	2011	<u>\$</u>	<u>26,088,000</u> \$	<u>-0-</u>
1.18 1.19	Subdivision 1. Total Appropriation Appropriations by Fund 2010 Environment and	<u>2011</u>	<u>\$</u>	<u>26,088,000</u> \$	<u>-0-</u>
1.18 1.19 1.20 1.21 1.22	Subdivision 1. Total Appropriation Appropriations by Fund 2010 Environment and Natural Resources	2011		<u>26,088,000</u> <u>\$</u>	<u>-0-</u>
1.18 1.19 1.20 1.21	Subdivision 1. Total Appropriation Appropriations by Fund 2010 Environment and	<u>2011</u>	<u>\$</u> -0-	<u>26,088,000</u> <u>\$</u>	<u>-0-</u>

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2.1	Great Lakes Protection Account	66,000	0		
2.22.3	State Land and	00,000	<u>-0-</u>		
2.3	Water Conservation				
2.5	Account				
2.6	(LAWCON)	400,000	<u>-0-</u>		
2.7	Appropriations are available	able for two			
2.8	years beginning July 1, 2	2009, unless			
2.9	otherwise stated in the ap	propriation. An	y		
2.10	unencumbered balance re	emaining in the f	i <u>rst</u>		
2.11	year does not cancel and	is available for t	<u>he</u>		
2.12	second year.				
2.13	Subd. 2. Definitions				
2.14	(a) "Trust fund" means t	he Minnesota			
2.15	environment and natural	resources trust fu	ınd		
2.16	referred to in Minnesota	Statutes, section			
2.17	116P.02, subdivision 6.				
2.18	(b) "Great Lakes protecti	on account" mea	<u>ns</u>		
2.19	the account referred to in	Minnesota Statu	tes,		
2.20	section 116Q.02.				
2.21	(c) "State land and water	conservation			
2.22	account (LAWCON)" me	eans the state lan	<u>d</u>		
2.23	and water conservation a	ccount in the nat	<u>ural</u>		
2.24	resources fund referred t	o in Minnesota			
2.25	Statutes, section 116P.14	<u>.</u>			
2.26	Subd. 3. Natural Reso	urce Data and			
2.27	<u>Information</u>			5,995,000	<u>-0-</u>
2.28	(a) Minnesota County Bi	ological Survey			
2.29	\$2,100,000 is from the tr	rust fund to the			
2.30	commissioner of natural	resources for			
2.31	continuation of the Minr	nesota county			
2.32	biological survey to prov	ride a foundation	<u>.</u>		
2.33	for conserving biologica	l diversity by			
2.34	systematically collecting	, interpreting,			
2.35	and delivering data on pl	lant and animal			

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3.1	distribution and ecology, native plant
3.2	communities, and functional landscapes.
3.3 3.4	(b) County Geological Atlas and South-Central Minnesota Groundwater
3.5	\$2,695,000 is from the trust fund for
3.6	collection and interpretation of subsurface
3.7	geological information and acceleration of
3.8	the county geologic atlas program. \$820,000
3.9	of this appropriation is to the Board of
3.10	Regents of the University of Minnesota for
3.11	the geological survey to continue and to
3.12	initiate the production of county geologic
3.13	atlases. \$1,875,000 of this appropriation is
3.14	to the commissioner of natural resources
3.15	to investigate the physical and recharge
3.16	characteristics of the Mt. Simon aquifer.
3.17	This appropriation represents a continuing
3.18	effort to complete the county geologic atlases
3.19	throughout the state. This appropriation
3.20	is available until June 30, 2012, at which
3.21	time the project must be completed and final
3.22	products delivered, unless an earlier date is
3.23	specified in the work program.
3.24	(c) Soil Survey
3.25	\$400,000 is from the trust fund to the Board
3.26	of Water and Soil Resources to accelerate the
3.27	county soil survey mapping and Web-based
3.28	data delivery. This appropriation represents
3.29	a continuing effort to complete the mapping.
3.30	The soil surveys must be done on a cost-share
3.31	basis with local and federal funds.
3.32 3.33	(d) Springshed Mapping for Trout Stream Management
3.34	\$500,000 is from the trust fund to continue
3.35	to identify and delineate supply areas and

4.1	springsheds for springs serving as coldwater			
4.2	sources for trout streams and to assess			
4.3	the impacts from development and water			
4.4	appropriations. Of this appropriation,			
4.5	\$250,000 is to the Board of Regents of the			
4.6	University of Minnesota and \$250,000 is to			
4.7	the commissioner of natural resources.			
4.8	(e) Restorable Wetlands Inventory			
4.0	\$200,000 is from the trust fund to the			
4.9	\$300,000 is from the trust fund to the			
4.10	commissioner of natural resources for an			
4.11	agreement with Ducks Unlimited, Inc.,			
4.12	to complete the inventory, mapping, and			
4.13	digitizing of drained restorable wetlands in			
4.14	Minnesota. This appropriation is available			
4.15	until June 30, 2012, at which time the			
4.16	project must be completed and final products			
4.17	delivered, unless an earlier date is specified			
4.18	in the work program.			
4.19	Subd. 4. Land, Habitat, and Recreation		13,227,000	<u>-0-</u>
4.19 4.20	Subd. 4. Land, Habitat, and Recreation Appropriations by Fund		13,227,000	<u>-0-</u>
4.20 4.21	Appropriations by Fund Environment and		13,227,000	<u>-0-</u>
4.20	Appropriations by Fund Environment and Natural Resources	-0-	13,227,000	<u>-0-</u>
4.20 4.21 4.22	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and	<u>-0-</u>	13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation	<u>-0-</u>	13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and	<u>-0-</u>	13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation Account (LAWCON) 400,000		13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25 4.26	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation Account		13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation Account (LAWCON) 400,000		13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation Account (LAWCON) 400,000 (a) State Parks Acquisition		13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27 4.28	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation Account (LAWCON) 400,000 (a) State Parks Acquisition \$590,000 is from the trust fund to the		13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27 4.28 4.29	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation Account (LAWCON) 400,000 (a) State Parks Acquisition \$590,000 is from the trust fund to the commissioner of natural resources to acquire		13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation Account (LAWCON) 400,000 (a) State Parks Acquisition \$590,000 is from the trust fund to the commissioner of natural resources to acquire in-holdings for state parks. Land acquired		13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation Account (LAWCON) 400,000 (a) State Parks Acquisition \$590,000 is from the trust fund to the commissioner of natural resources to acquire in-holdings for state parks. Land acquired with this appropriation must be sufficiently		13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation Account (LAWCON) 400,000 (a) State Parks Acquisition \$590,000 is from the trust fund to the commissioner of natural resources to acquire in-holdings for state parks. Land acquired with this appropriation must be sufficiently improved to meet at least minimum		13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation Account (LAWCON) 400,000 (a) State Parks Acquisition \$590,000 is from the trust fund to the commissioner of natural resources to acquire in-holdings for state parks. Land acquired with this appropriation must be sufficiently improved to meet at least minimum management standards as determined by the		13,227,000	<u>-0-</u>
4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35	Appropriations by Fund Environment and Natural Resources Trust 12,827,000 State Land and Water Conservation Account (LAWCON) 400,000 (a) State Parks Acquisition \$590,000 is from the trust fund to the commissioner of natural resources to acquire in-holdings for state parks. Land acquired with this appropriation must be sufficiently improved to meet at least minimum management standards as determined by the commissioner of natural resources. A list of		13,227,000	<u>-0-</u>

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5.1	(b) State Trail Acquisition
5.2	\$1,000,000 is from the trust fund to the
5.3	commissioner of natural resources to assist
5.4	in the acquisition of the Brown's Creek
5.5	Segment of the Willard Munger Trail in
5.6	Washington County and Paul Bunyan State
5.7	Trail in the city of Bemidji.
5.8 5.9	(c) Metropolitan Regional Park System Acquisition
5.10	\$1,290,000 is from the trust fund to the
5.11	Metropolitan Council for subgrants for the
5.12	acquisition of lands within the approved park
5.13	unit boundaries of the metropolitan regional
5.14	park system. This appropriation may not
5.15	be used for the purchase of residential
5.16	structures. A list of proposed fee title and
5.17	easement acquisitions must be provided
5.18	as part of the required work program. All
5.19	funding for conservation easements must
5.20	include a long-term stewardship plan and
5.21	funding for monitoring and enforcing the
5.22	agreement. This appropriation must be
5.23	matched by at least 40 percent of nonstate
5.24	money and must be committed by December
5.25	31, 2009, or the appropriation cancels. This
5.26	appropriation is available until June 30, 2012
5.27	at which time the project must be completed
5.28	and final products delivered, unless an earlier
5.29	date is specified in the work program.
5.30 5.31	(d) Statewide Scientific and Natural Area Acquisition and Restoration
5.32	\$590,000 is from the trust fund to the
5.33	commissioner of natural resources to acquire
5.34	high quality native plant communities and
5.35	rare features and restore parts of scientific

6.1	and natural areas as provided in Minnesota
6.2	Statutes, section 86A.05, subdivision 5. A list
6.3	of proposed acquisitions must be provided as
6.4	part of the required work program.
6.5 6.6	(e) Minnesota's Habitat Conservation Partnership (HCP) – Phase VI
6.7	\$3,375,000 is from the trust fund to the
6.8	commissioner of natural resources for the
6.9	sixth appropriation for acceleration of agency
6.10	programs and cooperative agreements.
6.11	Of this appropriation, \$770,000 is for the
6.12	Department of Natural Resources agency
6.13	programs and \$2,605,000 is for agreements
6.14	as follows: \$450,000 with Pheasants
6.15	Forever; \$50,000 with Minnesota Deer
6.16	Hunters Association; \$895,000 with Ducks
6.17	Unlimited, Inc.; \$85,000 with National Wild
6.18	Turkey Federation; \$365,000 with the Nature
6.19	Conservancy; \$210,000 with Minnesota Land
6.20	Trust; \$350,000 with the Trust for Public
6.21	Land; \$100,000 with Minnesota Valley
6.22	National Wildlife Refuge Trust, Inc.; \$50,000
6.23	with the United States Fish and Wildlife
6.24	Service; and \$50,000 with Friends of Detroit
6.25	Lakes Watershed Management District
6.26	to plan, restore, and acquire fragmented
6.27	landscape corridors that connect areas of
6.28	quality habitat to sustain fish, wildlife, and
6.29	plants. The United States Department of
6.30	Agriculture-Natural Resources Conservation
6.31	Service is a cooperating partner in the
6.32	appropriation. Expenditures are limited to
6.33	the project corridor areas as defined in the
6.34	work program. Land acquired with this
6.35	appropriation must be sufficiently improved
6.36	to meet at least minimum habitat and facility

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7.1	management standards as determined by
7.2	the commissioner of natural resources.
7.3	This appropriation may not be used for the
7.4	purchase of residential structures, unless
7.5	expressly approved in the work program. All
7.6	conservation easements must be perpetual
7.7	and have a natural resource management
7.8	plan. Any land acquired in fee title by the
7.9	commissioner of natural resources with
7.10	money from this appropriation must be
7.11	designated as an outdoor recreation unit
7.12	under Minnesota Statutes, section 86A.07.
7.13	The commissioner may similarly designate
7.14	any lands acquired in less than fee title. A
7.15	list of proposed restorations and fee title
7.16	and easement acquisitions must be provided
7.17	as part of the required work program. All
7.18	funding for conservation easements must
7.19	include a long-term stewardship plan and
7.20	funding for monitoring and enforcing the
7.21	agreement. To the maximum extent practical,
7.22	consistent with contractual easement or
7.23	fee acquisition obligations, the recipients
7.24	shall utilize staff resources to identify
7.25	future projects and shall maximize the
7.26	implementation of biodiverse, quality
7.27	restoration projects in the project proposal
7.28	into the first half of the 2010 fiscal year.
7.29	(f) Metro Conservation Corridors (MeCC) - Phase
7.30	V
7.31	\$3,375,000 is from the trust fund to the
7.32	commissioner of natural resources for the
7.33	fifth appropriation for acceleration of agency
7.34	programs and cooperative agreements.
7.35	Of this appropriation, \$2,185,000 is for
7.36	Department of Natural Resources agency

8.1	programs and \$1,190,000 is for agreements
8.2	as follows: \$380,000 with the Trust for
8.3	Public Land; \$90,000 with Friends of the
8.4	Mississippi River; \$155,000 with Great
8.5	River Greening; \$250,000 with Minnesota
8.6	Land Trust; \$225,000 with Minnesota Valley
8.7	National Wildlife Refuge Trust, Inc.; and
8.8	\$90,000 with Friends of the Minnesota
8.9	Valley for the purposes of planning,
8.10	restoring, and protecting important natural
8.11	areas in the metropolitan area, as defined
8.12	under Minnesota Statutes, section 473.121,
8.13	subdivision 2, and portions of the surrounding
8.14	counties, through grants, contracted services,
8.15	technical assistance, conservation easements,
8.16	and fee title acquisition. Land acquired
8.17	with this appropriation must be sufficiently
8.18	improved to meet at least minimum
8.19	management standards as determined by
8.20	the commissioner of natural resources.
8.21	Expenditures are limited to the identified
8.22	project corridor areas as defined in the work
8.23	program. This appropriation may not be used
8.24	for the purchase of residential structures,
8.25	unless expressly approved in the work
8.26	program. All conservation easements must
8.27	be perpetual and have a natural resource
8.28	management plan. Any land acquired in fee
8.29	title by the commissioner of natural resources
8.30	with money from this appropriation must
8.31	be designated as an outdoor recreation unit
8.32	under Minnesota Statutes, section 86A.07.
8.33	The commissioner may similarly designate
8.34	any lands acquired in less than fee title. A
8.35	list of proposed restorations and fee title
8.36	and easement acquisitions must be provided

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9.1	as part of the required work program. All
9.2	funding for conservation easements must
9.3	include a long-term stewardship plan and
9.4	funding for monitoring and enforcing the
9.5	agreement. To the maximum extent practical,
9.6	consistent with contractual easement or
9.7	fee acquisition obligations, the recipients
9.8	shall utilize staff resources to identify
9.9	future projects and shall maximize the
9.10	implementation of biodiverse, quality
9.11	restoration projects in the project proposal
9.12	into the first half of the 2010 fiscal year.
9.13 9.14	(g) Statewide Ecological Ranking of Conservation Reserve Program (CRP) and Other Critical Lands
9.15	\$107,000 is from the trust fund to the Board
9.16	of Water and Soil Resources to continue the
9.17	efforts funded by the emerging issues account
9.18	allocation to identify and rank the ecological
9.19	value of conservation reserve program (CRP)
9.20	and other critical lands throughout Minnesota
9.21	using a multiple parameter approach
9.22	including soil productivity, landscape, water,
9.23	and wildlife factors.
9.24	(h) Protection of Granite Rock Outcrop Ecosystem
9.25	\$1,500,000 is from the trust fund to the
9.26	Board of Water and Soil Resources, in
9.27	cooperation with the Renville Soil and Water
9.28	Conservation District, to acquire perpetual
9.29	easements of unique granite rock outcrops
9.30	located in the Upper Minnesota River Valley
9.31	and to restore their ecological integrity.
9.32	(i) Minnesota Farm Bill Assistance Project
9.33	\$1,000,000 is from the trust fund to the Board
9.34	of Water and Soil Resources to provide
9.35	funding for technical staff to assist in the

10.1	implementation provisions of conservation		
10.2	programs including the federal farm bill		
10.3	conservation programs. Documentation must		
10.4	be provided on the number of landowner		
10.5	contacts, program participation, federal		
10.6	dollars leveraged, quantifiable criteria, and		
10.7	measurement of the improvements to water		
10.8	quality and habitat.		
10.9 10.10	(j) Land and Water Conservation Account (LAWCON) Federal Reimbursements		
10.11	\$400,000 is from the state land and water		
10.12	conservation account (LAWCON) in the		
10.13	natural resources fund to the commissioner of		
10.14	natural resources for priorities established by		
10.15	the commissioner for eligible state projects		
10.16	and administrative and planning activities		
10.17	consistent with Minnesota Statutes, section		
10.18	116P.14, and the federal Land and Water		
10.19	Conservation Fund Act.		
10.20	Subd. 5. Water Resources	2,063,000	<u>-0-</u>
10.21 10.22	(a) Removal of Endocrine Disruptors; Treatment and Education		
10.23	\$275,000 is from the trust fund to the Board		
10.24	of Regents at the University of Minnesota		
10.25	to continue research on the removal of		
10.26	endocrine disruptors from Minnesota's		
10.27	waters through strategies of enhancing		
10.28	treatment at wastewater treatment plants and		
10.29	decreasing the use of the compounds. This		
10.30	appropriation is available until June 30, 2012,		
10.31	at which time the project must be completed		
10.32	and final products delivered, unless an earlier		
10.33	date is specified in the work program.		
10.34 10.35	(b) Vulnerability of Fish Populations in Lakes to Endocrine Disrupting Contaminants		

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11.1	\$297,000 is from the trust fund to the
11.2	commissioner of natural resources for an
11.3	agreement with the United States Geologic
11.4	Survey and St. Cloud State University to
11.5	develop quantitative data on juvenile and
11.6	adult fish vulnerability to endocrine-active
11.7	emerging contaminants found in Minnesota
11.8	lakes. This appropriation is available until
11.9	June 30, 2012, at which time the project must
11.10	be completed and final products delivered,
11.11	unless an earlier date is specified in the work
11.12	program.
11.13	(c) Cooperative Habitat Research in Deep Lakes
11.14	\$825,000 is from the trust fund to the
11.15	commissioner of natural resources to assess
11.16	the consequences of large ecological drivers
11.17	of change on water quality and habitat
11.18	dynamics of deep water lakes with coldwater
11.19	fish populations. This appropriation is
11.20	available until June 30, 2012, at which time
11.21	the project must be completed and final
11.22	products delivered, unless an earlier date is
11.23	specified in the work program.
11.24	(d) Intensified Tile Drainage Evaluation
11.25	\$300,000 is from the trust fund to the
11.26	Science Museum of Minnesota for the St.
11.27	Croix watershed research station to conduct
11.28	a comparative assessment of hydrologic
11.29	changes in watersheds with and without
11.30	intensive tile drainage to determine the
11.31	effects of climate and tile drainage on river
11.32	erosion. This appropriation is available until
11.33	June 30, 2012, at which time the project must
11.34	be completed and final products delivered,

12.1	unless an earlier date is specified in the work			
12.2	program.			
12.3	(e) Citizen-Based Stormwater Management			
12.4	\$279,000 is from the trust fund to the			
12.5	commissioner of natural resources for			
12.6	an agreement with Metro Blooms, in			
12.7	cooperation with Minnehaha Creek			
12.8	Watershed District and the city of			
12.9	Minneapolis, to install and evaluate the			
12.10	effectiveness of rain gardens on improving			
12.11	the impaired water of Powderhorn Lake in			
12.12	Minneapolis. This appropriation is available			
12.13	until June 30, 2012, at which time the			
12.14	project must be completed and final products			
12.15	delivered, unless an earlier date is specified			
12.16	in the work program.			
12.17 12.18	(f) Minnesota Drainage Law Analysis and Evaluation			
12.19	\$87,000 is from the trust fund to the			
12.20	commissioner of natural resources for an			
12.21	agreement with Smith Partners PLLP to			
12.22	identify and analyze legal and policy issues			
12.23	where the drainage code conflicts with other			
12.24	laws impacting protection of public waters			
12.25	and wetlands.			
12.26	Subd. 6. Aquatic and Terrestrial Invasive			
12.27	Species Species		1,068,000	<u>-0-</u>
12.28	Appropriations by Fund			
12.29	Environment and			
12.30 12.31	Natural Resources Trust 1,002,000	<u>-0-</u>		
12.32	Great Lakes			
12.33	Protection Account 66,000	<u>-0-</u>		
12.34 12.35	(a) Ballast Water Sampling Method Developme and Treatment Technology	<u>nt</u>		

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13.1	\$300,000 is from the trust fund and \$66,000
13.2	is from the Great Lakes protection account to
13.3	the commissioner of the Pollution Control
13.4	Agency in cooperation with the Department
13.5	of Natural Resources to conduct monitoring
13.6	for aquatic invasive species in ballast water
13.7	discharges to Minnesota waters of Lake
13.8	Superior and to test the effectiveness of
13.9	ballast water treatment systems.
13.10 13.11	(b) Emergency Delivery System Development for Disinfecting Ballast Water
13.12	\$125,000 is from the trust fund to the
13.13	commissioner of the Pollution Control
13.14	Agency for an agreement with the United
13.15	States Geologic Survey to test the viability
13.16	of treating ballast water through tank access
13.17	ports or air vents as a means to prevent the
13.18	spread of invasive species.
13.19 13.20	(c) Improving Emerging Fish Disease Surveillance in Minnesota
13.21	\$80,000 is from the trust fund to the Board
13.22	of Regents of the University of Minnesota
13.23	to assess mechanisms and control of the
13.24	transmission of Heterosporosis, an emerging
13.25	fish disease in Minnesota, to assist in future
13.26	management decisions and research.
13.27 13.28	(d) Controlling the Movement of Invasive Fish Species
13.29	\$300,000 is from the trust fund to the Board
13.30	of Regents of the University of Minnesota to
13.31	develop and test sonic barriers that could be
13.32	effective in preventing and controlling the
13.33	movement of invasive carp in Minnesota's
13.34	waterways. This appropriation is available
13.35	until June 30, 2012, at which time the
13.36	project must be completed and final products

14.1	delivered, unless an earlier date is specified		
14.2	in the work program.		
14.3 14.4	(e) Prevention and Early Detection of Invasive Earthworms		
14.5	\$150,000 is from the trust fund to the Board		
14.6	of Regents of the University of Minnesota		
14.7	Natural Resources Research Institute for a		
14.8	risk assessment of the methods of spreading,		
14.9	testing of management recommendations,		
14.10	and identification of key areas for action in		
14.11	the state to reduce the impacts of invasive		
14.12	earthworms on hardwood forest productivity.		
14.13	This appropriation is available until June		
14.14	30, 2012, at which time the project must		
14.15	be completed and final products delivered,		
14.16	unless an earlier date is specified in the work		
14.17	program.		
14.18 14.19	(f) Native Plant Biodiversity, Invasive Plant Species, and Invertebrates		
14.20	\$47,000 is from the trust fund to the		
14.21	commissioner of natural resources for		
14.22	an agreement with Concordia College to		
14.23	survey plant, pollinator, and invertebrate		
14.24	biodiversity in native and restored prairies to		
14.25	assess impacts on invasive species and food		
14.26	sources for grassland birds and ecosystem		
14.27	services.		
14.28	Subd. 7. Energy	2,323,000	<u>-0-</u>
14.29 14.30	(a) Options to Decarbonize Minnesota's Electrical Power System		
14.31	\$143,000 is from the trust fund to the Board		
14.32	of Regents of the University of Minnesota		
14.33	to analyze the Minnesota Climate Change		
14.34	Advisory Group's greenhouse gas reduction		
14.35	recommendations related to electrical		

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15.1	power from a life-cycle analysis and a		
15.2	socio-political perspective.		
15.3 15.4	(b) Projecting Environmental Trajectories for Energy-Water-Habitat Planning		
15.5	\$180,000 is from the trust fund to the Board		
15.6	of Regents of the University of Minnesota		
15.7	to combine detailed climatic records of		
15.8	Minnesota with present and past ecosystem		
15.9	boundaries to forecast future fine-scale flow		
15.10	of climate across the state impacting human		
15.11	activities and natural resources.		
15.12	(c) Energy Efficient Cities		
15.13	\$2,000,000 is from the trust fund to the		
15.14	commissioner of commerce for an agreement		
15.15	with the Center for Energy and Environment		
15.16	for demonstration of innovative residential		
15.17	energy efficiency delivery and financing		
15.18	strategies, training, installation, evaluation,		
15.19	and recommendations for a utility residential		
15.20	energy conservation program.		
15.21	Subd. 8. Administration and Other	1,412,000	<u>-0-</u>
15.22	(a) Contract Management		
15.23	\$158,000 is from the trust fund to the		
15.24	commissioner of natural resources for		
15.25	contract management for duties assigned		
15.26	in Laws 2007, chapter 30, section 2, and		
15.27	Laws 2008, chapter 367, section 2, and for		
15.28	additional duties as assigned in this section.		
15.29 15.30	(b) Legislative-Citizen Commission on Minnesota Resources (LCCMR)		
15.31	\$1,254,000 is from the trust fund for fiscal		
15.32	years 2010 and 2011 and is for administration		
15.33	as provided in Minnesota Statutes, section		
15.34	<u>116P.09</u> , subdivision 5.		

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16.1	Subd. 9. Availability of Appropriations
16.2	Unless otherwise provided, the amounts in
16.3	this section are available until June 30, 2011,
16.4	when projects must be completed and final
16.5	products delivered. For acquisition of real
16.6	property, the amounts in this section are
16.7	available until June 30, 2012, if a binding
16.8	contract is entered into by June 30, 2011,
16.9	and closed not later than June 30, 2012. If
16.10	a project receives a federal grant, the time
16.11	period of the appropriation is extended to
16.12	equal the federal grant period.
16.13	Subd. 10. Data Availability Requirements
16.14	Data collected by the projects funded under
16.15	this section that have value for planning and
16.16	management of natural resources, emergency
16.17	preparedness, and infrastructure investments
16.18	must conform to the enterprise information
16.19	architecture developed by the Office of
16.20	Enterprise Technology. Spatial data must
16.21	conform to geographic information system
16.22	guidelines and standards outlined in that
16.23	architecture and adopted by the Minnesota
16.24	Geographic Data Clearinghouse at the
16.25	Land Management Information Center. A
16.26	description of these data that adheres to the
16.27	Office of Enterprise Technology geographic
16.28	metadata standards must be submitted to
16.29	the Land Management Information Center
16.30	to be made available online through the
16.31	clearinghouse and the data must be accessible
16.32	and free to the public unless made private
16.33	under the Data Practices Act, Minnesota
16.34	Statutes, chapter 13.

16.1

17.1	To the extent practicable, summary data and
17.2	results of projects funded under this section
17.3	should be readily accessible on the Internet
17.4	and identified as an environment and natural
17.5	resources trust fund project.
17.6	Subd. 11. Project Requirements
17.7	(a) As a condition of accepting an
17.8	appropriation in this section, any agency or
17.9	entity receiving an appropriation must, for
17.10	any project funded in whole or in part with
17.11	funds from the appropriation:
17.12	(1) comply with Minnesota Statutes, chapter
17.13	<u>116P;</u>
17.14	(2) plant vegetation only of native ecotypes
17.15	to Minnesota and preferably of the local
17.16	ecotype using a high diversity of species
17.17	grown as close to the restoration site as
17.18	possible;
17.19	(3) when restoring prairies for scientific and
17.20	natural areas:
17.21	(i) use seeds and plant materials that originate
17.22	as close to the site as possible in the same
17.23	county as the restoration site or within 25
17.24	miles of the county border, but not across
17.25	the boundary of an ecotype region. Ecotype
17.26	regions are defined by the Department of
17.27	Natural Resources map, "Minnesota Ecotype
17.28	Regions Map - County Landscape Groupings
17.29	Based on Ecological Subsections," dated
17.30	February 15, 2007;
17.31	(ii) if seeds and plant material described
17.32	in item (i) are not available, use seeds and
17 33	plant materials from within the same ecotype

18.1	region or within 25 miles of the ecotype
18.2	region border.
18.3	Use of seeds and plant materials from beyond
18.4	the geographic areas described in this clause
18.5	must be expressly approved in the work
18.6	program;
18.7	(4) for all other prairie restorations, use seeds
18.8	and plant materials that originate from within
18.9	200 miles of the restoration site;
18.10	(5) provide that all conservation easements:
18.11	(i) are perpetual;
18.12	(ii) specify the parties to an easement in the
18.13	easement;
18.14	(iii) specify all of the provisions of an
18.15	agreement that are perpetual;
18.16	(iv) are sent to the office of the
18.17	Legislative-Citizen Commission on
18.18	Minnesota Resources in an electronic format;
18.19	<u>and</u>
18.20	(v) include a long-term stewardship plan and
18.21	funding for monitoring and enforcing the
18.22	easement agreement;
18.23	(6) for all restorations, prepare an ecological
18.24	restoration and management plan that, to
18.25	the degree practicable, is consistent with the
18.26	highest quality conservation and ecological
18.27	goals for the restoration site. Consideration
18.28	should be given to soil, geology, topography,
18.29	and other relevant factors that would provide
18.30	the best chance for long-term success of the
18.31	restoration projects. The plan shall include
18.32	the proposed time table for implementing
18.33	the restoration, including site preparation,
18.34	establishment of diverse plant species,

19.1	maintenance, and additional enhancement to
19.2	establish the restoration; identify long-term
19.3	maintenance and management needs of
19.4	the restoration and how the maintenance,
19.5	management, and enhancement will be
19.6	financed; and take advantage of the best
19.7	available science and include innovative
19.8	techniques to achieve the best restoration;
19.9	(7) for new lands acquired, prepare a
19.10	restoration and management plan in
19.11	compliance with clause (6), including
19.12	sufficient funding for implementation;
19.13	(8) give priority in any acquisition of land
19.14	or interest in land to high quality natural
19.15	resources or conservation lands that provide
19.16	natural buffers to water resources;
19.17	(9) to ensure public accountability for
19.18	the use of public funds, provide to the
19.19	Legislative-Citizen Commission on
19.20	Minnesota Resources documentation of the
19.21	selection process used to identify parcels
19.22	acquired and provide documentation of all
19.23	related transaction costs, including but not
19.24	limited to appraisals, legal fees, recording
19.25	fees, commissions, other similar costs,
19.26	and donations. This information must be
19.27	provided for all parties involved in the
19.28	transaction. The recipient shall also report
19.29	to the Legislative-Citizen Commission on
19.30	Minnesota Resources any difference between
19.31	the acquisition amount paid to the seller
19.32	and the state-certified or state-reviewed
19.33	appraisal. Acquisition data such as appraisals
19.34	may remain private during negotiations but

20.1	must ultimately be made public according to
20.2	Minnesota Statutes, chapter 13; and
20.3	(10) give consideration to contracting
20.4	with the Minnesota Conservation Corps
20.5	for contract restoration and enhancement
20.6	services.
20.7	(b) The Legislative-Citizen Commission
20.8	on Minnesota Resources shall review the
20.9	requirement in paragraph (a), clause (9),
20.10	and provide a recommendation whether
20.11	to continue or modify the requirement in
20.12	future years. The commission may waive the
20.13	application of paragraph (a), clause (9), for
20.14	specific projects.
20.15	Subd. 12. Payment Conditions and Capital
20.16	Equipment Expenditures
20.17	All agreements, grants, or contracts referred
20.18	to in this section must be administered on
20.19	a reimbursement basis unless otherwise
20.20	provided in this section. Notwithstanding
20.21	Minnesota Statutes, section 16A.41,
20.22	expenditures made on or after July 1,
20.23	2009, or the date the work program is
20.24	approved, whichever is later, are eligible for
20.25	reimbursement unless otherwise provided
20.26	in this section. Periodic payment must
20.27	be made upon receiving documentation
20.28	that the deliverable items articulated in
20.29	the approved work program have been
20.30	achieved, including partial achievements
20.31	as evidenced by approved progress reports.
20.32	Reasonable amounts may be advanced to
20.33	projects to accommodate cash flow needs or
20.34	match federal money. The advances must
20.35	be approved as part of the work program.
20.36	No expenditures for capital equipment are

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21.1	allowed unless expressly authorized in the
21.2	project work program.
21.3 21.4	Subd. 13. Purchase of Recycled and Recyclable Materials
21.5	A political subdivision, public or private
21.6	corporation, or other entity that receives an
21.7	appropriation in this section must use the
21.8	appropriation in compliance with Minnesota
21.9	Statutes, sections 16B.121, regarding
21.10	purchase of recycled, repairable, and durable
21.11	materials, and 16B.122, regarding purchase
21.12	and use of paper stock and printing.
21.13 21.14	Subd. 14. Energy Conservation and Sustainable Building Guidelines
21.15	A recipient to whom an appropriation is made
21.16	in this section for a capital improvement
21.17	project shall ensure that the project complies
21.18	with the applicable energy conservation and
21.19	sustainable building guidelines and standards
21.20	contained in law, including Minnesota
21.21	Statutes, sections 16B.325, 216C.19, and
21.22	216C.20, and rules adopted thereunder.
21.23	The recipient may use the energy planning,
21.24	advocacy, and State Energy Office units
21.25	of the Department of Commerce to obtain
21.26	information and technical assistance on
21.27	energy conservation and alternative energy
21.28	development relating to the planning and
21.29	construction of the capital improvement
21.30	project.
21.31	Subd. 15. Accessibility
21.32	Structural and nonstructural facilities must
21.33	meet the design standards in the Americans
21.34	with Disabilities Act (ADA) accessibility
21.35	guidelines.

21.1

22.1	Subd. 16. Carryforward
22.2	The availability of the appropriations for the
22.3	following projects are extended to June 30,
22.4	<u>2010:</u>
22.5	(1) Laws 2005, First Special Session
22.6	chapter 1, article 2, section 11, subdivision
22.7	9, paragraph (a), completing third-party
22.8	certification of Department of Natural
22.9	Resources forest lands, as amended by Laws
22.10	2007, chapter 30, subdivision 16;
22.11	(2) Laws 2005, First Special Session chapter
22.12	1, article 2, section 11, subdivision 10,
22.13	paragraph (a), clean energy resource teams
22.14	and community wind energy rebate, as
22.15	amended by Laws 2006, chapter 243, section
22.16	15; and
22.17	(3) Laws 2007, chapter 30, section 2,

subdivision 5, paragraph (m), threat of

emerging contaminants to Upper Mississippi

22.18

22.19

22.20

walleye.