

**SENATE
STATE OF MINNESOTA
EIGHTY-EIGHTH SESSION**

S.F. No. 1899

(SENATE AUTHORS: DZIEDZIC, Tomassoni, Dahms and Hoffman)

DATE	D-PG	OFFICIAL STATUS
02/25/2014	5845	Introduction and first reading Referred to Environment and Energy
03/06/2014	6009	Withdrawn and re-referred to Finance
05/01/2014		HF substituted in committee HF1874

1.1 A bill for an act
1.2 relating to natural resources; appropriating money from environment and natural
1.3 resources trust fund; modifying provisions for Legislative-Citizen Commission
1.4 on Minnesota Resources; modifying requirements for land acquisition with trust
1.5 fund money; amending Minnesota Statutes 2013 Supplement, section 116P.17;
1.6 repealing Minnesota Statutes 2012, section 116P.05, subdivision 3.

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

1.8 Section 1. **APPROPRIATIONS.**

1.9 The sums shown in the columns marked "Appropriations" are appropriated to
1.10 the agencies and for the purposes specified in this act. The appropriations are from
1.11 the environment and natural resources trust fund and are available for the fiscal years
1.12 indicated for each purpose. The figures "2014" and "2015" used in this article mean that
1.13 the appropriations listed under them are available for the fiscal year ending June 30, 2014,
1.14 or June 30, 2015, respectively. "The first year" is fiscal year 2014. "The second year" is
1.15 fiscal year 2015. "The biennium" is fiscal years 2014 and 2015.

	<u>APPROPRIATIONS</u>	
	<u>Available for the Year</u>	
	<u>Ending June 30</u>	
	<u>2014</u>	<u>2015</u>

1.20 Sec. 2. **MINNESOTA RESOURCES**

1.21	<u>Subdivision 1. Total Appropriation</u>	<u>\$</u>	<u>-0-</u>	<u>\$</u>	<u>28,970,000</u>
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1.22 Appropriations by Fund

	<u>2014</u>	<u>2015</u>
1.24 <u>Environment and</u>		
1.25 <u>natural resources</u>		
1.26 <u>trust fund</u>	<u>-0-</u>	<u>29,270,000</u>

2.1 The amounts that may be spent for each
 2.2 purpose are specified in the following
 2.3 subdivisions.

2.4 Appropriations are available for two
 2.5 years beginning July 1, 2014, unless
 2.6 otherwise stated in the appropriation. Any
 2.7 unencumbered balance remaining in the first
 2.8 year does not cancel and is available for the
 2.9 second year.

2.10 Subd. 2. **Definition**

2.11 "Trust fund" means the Minnesota
 2.12 environment and natural resources trust fund
 2.13 referred to in Minnesota Statutes, section
 2.14 116P.02, subdivision 6.

2.15 Subd. 3. **Water Resources** -0- 4,579,000

2.16 (a) **Solar-Driven Destruction of Pesticides,**
 2.17 **Pharmaceuticals, and Contaminants in Water**

2.18 \$291,000 the second year is from the
 2.19 trust fund to the Board of Regents of the
 2.20 University of Minnesota to quantify the
 2.21 solar-driven destruction of contaminants
 2.22 reacting with dissolved organic matter to
 2.23 optimize water treatment methods and guide
 2.24 reuse. This appropriation is available until
 2.25 June 30, 2017, by which time the project must
 2.26 be completed and final products delivered.

2.27 (b) **Methods to Protect Beneficial Bacteria from**
 2.28 **Contaminants to Preserve Water Quality**

2.29 \$279,000 the second year is from the
 2.30 trust fund to the Board of Regents of the
 2.31 University of Minnesota to research how
 2.32 and why bacteria that provide ecological
 2.33 functions humans depend on for water
 2.34 quality are affected by exposure to certain
 2.35 man-made perfluorinated chemicals entering

3.1 the wastewater treatment system in order to
3.2 identify methods that can be implemented to
3.3 protect those bacterial functions from being
3.4 degraded. This appropriation is available
3.5 until June 30, 2017, by which time the
3.6 project must be completed and final products
3.7 delivered.

3.8 **(c) Triclosan Impacts on Wastewater Treatment**

3.9 \$380,000 the second year is from the
3.10 trust fund to the Board of Regents of the
3.11 University of Minnesota to assess the role
3.12 of the commercially used antibacterial agent
3.13 triclosan in creating antibiotic resistant
3.14 bacteria during the municipal wastewater
3.15 treatment process. This appropriation is
3.16 available until June 30, 2017, by which time
3.17 the project must be completed and final
3.18 products delivered.

3.19 **(d) Evaluation of Wastewater Nitrogen and**
3.20 **Estrogen Treatment Options**

3.21 \$500,000 the second year is from the
3.22 trust fund to the Board of Regents of the
3.23 University of Minnesota to examine the
3.24 performance of new wastewater contaminant
3.25 treatment options under Minnesota weather
3.26 conditions in order to understand how to
3.27 improve wastewater treatment of nitrogen
3.28 and estrogenic compounds, decrease costs
3.29 and energy use, and safeguard aquatic
3.30 species. This appropriation is available until
3.31 June 30, 2017, by which time the project must
3.32 be completed and final products delivered.

3.33 **(e) Antibiotics and Antibiotic-Resistant Genes**
3.34 **in Minnesota Lakes**

4.1 \$300,000 the second year is from the trust
4.2 fund to the Board of Regents of the University
4.3 of Minnesota to quantify the relationship
4.4 between antibiotics and antibiotic-resistant
4.5 bacteria in Minnesota lakes to determine if
4.6 improved wastewater treatment is necessary
4.7 to protect human and aquatic health. This
4.8 appropriation is available until June 30,
4.9 2017, by which time the project must be
4.10 completed and final products delivered.

4.11 **(f) Impacts of Estrogen Exposure on**
4.12 **Minnesota's Shallow Lake Wildlife**

4.13 \$136,000 the second year is from the trust
4.14 fund to the commissioner of natural resources
4.15 for an agreement with the University of
4.16 St. Thomas to use biological samples
4.17 already gathered from shallow lakes across
4.18 Minnesota to determine the environmental
4.19 estrogen exposure impacts on aquatic
4.20 wildlife in shallow lakes for enhanced land
4.21 and lake management. This appropriation
4.22 is available until June 30, 2017, by which
4.23 time the project must be completed and final
4.24 products delivered.

4.25 **(g) Watershed-Scale Monitoring of Long-Term**
4.26 **Best Management Practice Effectiveness**

4.27 \$900,000 the second year is from the trust
4.28 fund to the Science Museum of Minnesota
4.29 for the St. Croix Watershed Research
4.30 Station to evaluate the effectiveness of best
4.31 management practices in reducing sediment
4.32 and nutrient loads at watershed scales over
4.33 long time periods. This appropriation is
4.34 available until June 30, 2017, by which time
4.35 the project must be completed and final
4.36 products delivered.

5.1 **(h) Protection of State's Confined Drinking**
5.2 **Water Aquifers**

5.3 \$394,000 the second year is from the trust
5.4 fund to the commissioner of natural resources
5.5 for an agreement with the United States
5.6 Geological Survey to test methods of defining
5.7 properties of confined drinking water aquifers
5.8 in order to improve water management.

5.9 This appropriation is available until June
5.10 30, 2017, by which time the project must be
5.11 completed and final products delivered.

5.12 **(i) Watershed Water Budgets for Managing**
5.13 **Minnesota's Groundwater**

5.14 \$129,000 the second year is from the
5.15 trust fund to the commissioner of natural
5.16 resources for an agreement with the United
5.17 States Geological Survey to create a pilot
5.18 study to calculate complete watershed water
5.19 budgets for two counties in Minnesota for
5.20 enhanced groundwater management. This
5.21 appropriation is available until June 30,
5.22 2017, by which time the project must be
5.23 completed and final products delivered.

5.24 **(j) Identifying Causes of Exceptionally High**
5.25 **Mercury in Fish**

5.26 \$743,000 the second year is from the trust
5.27 fund to the commissioner of the Pollution
5.28 Control Agency to quantify the probable
5.29 causes of high mercury levels in fish
5.30 within the Roseau River and two tributaries
5.31 of the Red River of the North to guide
5.32 further mercury reduction initiatives. This
5.33 appropriation is available until June 30,
5.34 2017, by which time the project must be
5.35 completed and final products delivered.

6.1 **(k) Reducing Lake Quality Impairments**
6.2 **through Citizen Action**

6.3 \$59,000 the second year is from the trust fund
6.4 to the commissioner of natural resources for
6.5 an agreement with the Freshwater Society to
6.6 train lake associations and other stakeholder
6.7 groups to develop lake management plans
6.8 and to implement science-based, citizen-led
6.9 water quality improvement projects on
6.10 impaired lakes in west central Minnesota.

6.11 This appropriation is available until June
6.12 30, 2017, by which time the project must be
6.13 completed and final products delivered.

6.14 **(l) Rainwater Reuse and Valuation**
6.15 **Investigation**

6.16 \$300,000 the second year is from the trust
6.17 fund to the Board of Regents of the University
6.18 of Minnesota to design, install, and monitor a
6.19 rainwater reuse system for use in evaporative
6.20 chiller systems and identify other potential
6.21 applications for rainwater reuse systems.

6.22 **(m) Measuring Hydrologic Benefits from**
6.23 **Glacial Ridge Habitat Restoration**

6.24 \$168,000 the second year is from the
6.25 trust fund to the commissioner of natural
6.26 resources for an agreement with the Red
6.27 Lake Watershed District and the United
6.28 States Geological Survey for completion of
6.29 the analysis of flooding and water-quality
6.30 benefits resulting from wetland and prairie
6.31 restorations at Glacial Ridge National
6.32 Wildlife Refuge.

6.33 **Subd. 4. Aquatic and Terrestrial Invasive**
6.34 **Species**

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2,298,000

6.35 **(a) Blocking Bighead, Silver, and Other**
6.36 **Invasive Carp by Optimizing Lock and Dams**

7.1 \$854,000 the second year is from the
7.2 trust fund to the Board of Regents of the
7.3 University of Minnesota to collaborate with
7.4 the United States Army Corps of Engineers
7.5 to develop ways, including new technologies,
7.6 to modify the operations of Lock and Dam
7.7 Numbers 2 to 8 to optimize their ability to
7.8 impede invasive carp movement into the
7.9 Minnesota, St. Croix, and Mississippi Rivers.
7.10 This appropriation is available until June
7.11 30, 2017, by which time the project must be
7.12 completed and final products delivered.

7.13 **(b) Bioacoustics to Detect, Deter, and Eliminate**
7.14 **Silver Carp**

7.15 \$262,000 the second year is from the trust
7.16 fund to the Board of Regents of the University
7.17 of Minnesota-Duluth to develop bioacoustic
7.18 technology for detection and early warning
7.19 systems, capture and elimination methods,
7.20 and deterrent systems for silver carp. This
7.21 appropriation is available until June 30,
7.22 2017, by which time the project must be
7.23 completed and final products delivered.

7.24 **(c) Northwest Minnesota Regional Aquatic**
7.25 **Invasive Species Prevention Pilot**

7.26 \$219,000 the second year is from the
7.27 trust fund to the commissioner of natural
7.28 resources for an agreement with the Red
7.29 River Basin Commission to develop aquatic
7.30 invasive species prevention strategies on a
7.31 watershed scale and develop materials to
7.32 sustain watershed scale decision-making
7.33 and implementation. This initiative must
7.34 be coordinated with the Department of
7.35 Natural Resources and outdoor heritage fund
7.36 activities for locally based invasive species

8.1 control. Specific reporting and analysis of
8.2 outcomes and findings of this alternative
8.3 approach must be provided to enable
8.4 duplication in other regions of the state.

8.5 **(d) Biosurveillance and Biocontrol of Emerald**
8.6 **Ash Borer - Phase 2**

8.7 \$447,000 the second year is from the trust
8.8 fund to the commissioner of agriculture
8.9 in cooperation with the University of
8.10 Minnesota to continue to monitor ash tree
8.11 and emerald ash borer populations and
8.12 expand the biological control implementation
8.13 for emerald ash borer management. This
8.14 appropriation is available until June 30,
8.15 2017, by which time the project must be
8.16 completed and final products delivered.

8.17 **(e) Mountain Pine Beetle Invasive Threat to**
8.18 **Minnesota's Pines**

8.19 \$175,000 the second year is from the trust
8.20 fund to the Board of Regents of the University
8.21 of Minnesota and \$75,000 the second year
8.22 is from the trust fund to the commissioner
8.23 of agriculture to survey for the presence and
8.24 characterize the potential risk of the invasive
8.25 mountain pine beetle to Minnesota's pine
8.26 forests to inform early detection and rapid
8.27 response. This appropriation is available
8.28 until June 30, 2017, by which time the
8.29 project must be completed and final products
8.30 delivered.

8.31 **(f) Brown Marmorated Stink Bug Monitoring**
8.32 **and Biocontrol Evaluation**

8.33 \$99,000 the second year is from the trust
8.34 fund to the commissioner of agriculture
8.35 and \$167,000 the second year is from the
8.36 trust fund to the Board of Regents of the

9.1 University of Minnesota to monitor for brown
 9.2 marmorated stink bugs to identify problem
 9.3 areas, target biocontrol efforts, and evaluate
 9.4 the suitability of candidate biological
 9.5 control agents for use in Minnesota. This
 9.6 appropriation is available until June 30,
 9.7 2017, by which time the project must be
 9.8 completed and final products delivered.

9.9 **Subd. 5. Foundational Natural Resource Data**
 9.10 **and Information**

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4,210,000

9.11 **(a) Update Statewide Land Cover Use Map**

9.12 \$300,000 the second year is from the trust
 9.13 fund to the Board of Regents of the University
 9.14 of Minnesota to update Minnesota's land
 9.15 cover data at moderate spatial resolution
 9.16 statewide and at high resolution for selected
 9.17 areas, distribute products, and provide
 9.18 training. This appropriation is available until
 9.19 June 30, 2017, by which time the project must
 9.20 be completed and final products delivered.

9.21 **(b) State Spring Inventory for Resource**
 9.22 **Management and Protection**

9.23 \$200,000 the second year is from the
 9.24 trust fund to the commissioner of natural
 9.25 resources to develop necessary protocols,
 9.26 processes, and definitions of springs along
 9.27 with limited field testing of inventory
 9.28 procedures in priority areas to enable a
 9.29 systematic inventory of springs statewide
 9.30 needed to maintain spring flows and protect
 9.31 groundwater-dependent resources. This
 9.32 appropriation is available until June 30,
 9.33 2017, by which time the project must be
 9.34 completed and final products delivered.

10.1 **(c) Drainage Records Modernization and**
10.2 **Statewide Geographic Information System**
10.3 **Database**

10.4 \$230,000 the second year is from the
10.5 trust fund to the Board of Water and
10.6 Soil Resources to develop a template and
10.7 Web-based geographic information system
10.8 (GIS) database portal to facilitate statewide
10.9 modernization of public drainage records
10.10 under Minnesota Statutes, chapter 103E, and
10.11 integrate new specifications into existing
10.12 drainage records modernization guidelines.
10.13 This appropriation is available until June
10.14 30, 2017, by which time the project must be
10.15 completed and final products delivered.

10.16 **(d) Restoring Forest Inventory Data**

10.17 \$100,000 the second year is from the trust
10.18 fund to the Board of Regents of the University
10.19 of Minnesota to obtain and restore statewide
10.20 forest inventories of 1935, 1953, and 1966
10.21 to link with more recent data to improve
10.22 understanding of historical forest trends and
10.23 enhance long-term ecological monitoring.

10.24 **(e) Assessing Species Vulnerability to Climate**
10.25 **Change Using Phenology**

10.26 \$175,000 the second year is from the
10.27 trust fund to the Board of Regents of the
10.28 University of Minnesota to compile and use
10.29 historical datasets to assess change over
10.30 time in the ecology of Minnesota species,
10.31 identify vulnerable species, and inform
10.32 management strategies for climate change.
10.33 This appropriation is available until June
10.34 30, 2017, by which time the project must be
10.35 completed and final products delivered.

11.1 **(f) Minnesota Breeding Bird Atlas - Final Phase**

11.2 \$300,000 the second year is from the trust
 11.3 fund to the commissioner of natural resources
 11.4 for an agreement with Audobon Minnesota to
 11.5 complete a statewide survey of Minnesota's
 11.6 breeding bird distributions through final
 11.7 analysis, preparation, and dissemination of
 11.8 information collected on an ongoing basis
 11.9 since 2008 on breeding birds in the state.

11.10 The completed atlas must be available for
 11.11 download from the Internet free of charge.

11.12 This appropriation is available until June
 11.13 30, 2017, by which time the project must be
 11.14 completed and final products delivered.

11.15 **(g) Assessing Contaminants in Minnesota's**
 11.16 **Loons and Pelicans - Phase 2**

11.17 \$260,000 the second year is from the trust
 11.18 fund to the commissioner of natural resources
 11.19 to continue to assess the potential impact
 11.20 of petroleum, dispersants, and heavy metal
 11.21 contaminants from the Deepwater Horizon oil
 11.22 spill in the Gulf of Mexico on the wintering
 11.23 habitat of Minnesota's common loons
 11.24 and white pelicans using radiotelemetry,
 11.25 geolocators, and contaminant analysis.

11.26 **(h) Sandhill Crane Populations and**
 11.27 **Management in Minnesota**

11.28 \$250,000 the second year is from the
 11.29 trust fund to the Board of Regents of
 11.30 the University of Minnesota to delineate
 11.31 population boundaries, habitat use relative to
 11.32 crop depredation, and migration patterns and
 11.33 survival of Minnesota's two populations of
 11.34 sandhill cranes, Mid-continent and Eastern.
 11.35 This appropriation is available until June

12.1 30, 2017, by which time the project must be
12.2 completed and final products delivered.

12.3 **(i) Wild Bee Pollinator Surveys in**
12.4 **Prairie-Grassland Habitats**

12.5 \$370,000 the second year is from the trust
12.6 fund to the commissioner of natural resources
12.7 to assess the current status and distribution
12.8 of wild bee pollinators in prairie-grassland
12.9 habitats of Minnesota.

12.10 **(j) Imperiled Prairie Butterfly Conservation,**
12.11 **Research, and Breeding Program**

12.12 \$380,000 the second year is from the trust
12.13 fund to the Minnesota Zoological Garden
12.14 and \$245,000 the second year is from the
12.15 trust fund to the commissioner of natural
12.16 resources to prevent the extirpation and
12.17 possible extinction of imperiled native
12.18 Minnesota butterfly species through
12.19 breeding, genetics and mortality research,
12.20 inventory, monitoring, and public education.

12.21 This appropriation is available until June
12.22 30, 2017, by which time the project must be
12.23 completed and final products delivered.

12.24 **(k) Conserving Minnesota's Native Freshwater**
12.25 **Mussels**

12.26 \$350,000 the second year is from the
12.27 trust fund to the Board of Regents of the
12.28 University of Minnesota in cooperation
12.29 with Macalester College to document
12.30 native freshwater mussel abundance
12.31 and distribution, quantify environmental
12.32 conditions necessary to conserve Minnesota's
12.33 native freshwater mussels, and conduct
12.34 outreach to local organizations and the
12.35 public. This appropriation is available until

13.1 June 30, 2018, by which time the project must
 13.2 be completed and final products delivered.

13.3 **(l) Impacts of Forest Quality on Declining**
 13.4 **Minnesota Moose**

13.5 \$300,000 the second year is from the
 13.6 trust fund to the Board of Regents of the
 13.7 University of Minnesota in cooperation with
 13.8 the Department of Natural Resources to
 13.9 link regional patterns of moose abundance
 13.10 through time to the distribution of food
 13.11 and cover and determine if this distribution
 13.12 affects the diet and survival of individual
 13.13 moose. This appropriation is available until
 13.14 June 30, 2017, by which time the project must
 13.15 be completed and final products delivered.

13.16 **(m) Moose Decline and Air Temperatures in**
 13.17 **Northeastern Minnesota**

13.18 \$600,000 the second year is from the
 13.19 trust fund to the commissioner of natural
 13.20 resources in cooperation with the University
 13.21 of Minnesota to study the physiology and
 13.22 behavior of adult moose and effects of female
 13.23 condition on calf production and survival to
 13.24 determine the impact of air temperature on
 13.25 moose population performance and decline.
 13.26 This appropriation is available until June
 13.27 30, 2017, by which time the project must be
 13.28 completed and final products delivered.

13.29 **(n) Expansion of Minnesota Wildflowers**
 13.30 **Online Botanical Reference**

13.31 \$150,000 the second year is from the
 13.32 trust fund to the commissioner of natural
 13.33 resources for an agreement with Minnesota
 13.34 Wildflowers Information to accelerate field
 13.35 work for surveying and imaging of plant
 13.36 species and publication of species profiles

14.1 to a plant identification reference Web site
 14.2 available to the public and land managers.
 14.3 Images acquired and information compiled
 14.4 using these funds are for purposes of public
 14.5 information available on a Web site. If the
 14.6 organization is no longer able to maintain the
 14.7 Web site, the organization shall work with
 14.8 the state and the University of Minnesota
 14.9 Bell Museum of Natural History to ensure
 14.10 the materials remain publicly available on
 14.11 the Web. This appropriation is available until
 14.12 June 30, 2017, by which time the project must
 14.13 be completed and final products delivered.

14.14 **Subd. 6. Methods to Protect, Restore, and**
 14.15 **Enhance Land, Water, and Habitat**

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3,675,000

14.16 **(a) Enhancing Pollinator Landscapes**

14.17 \$864,000 the second year is from the
 14.18 trust fund to the Board of Regents of the
 14.19 University of Minnesota to identify sources
 14.20 of nectar and pollen for native pollinators
 14.21 and honey bees and coordinate ongoing and
 14.22 future efforts to enhance pollinator habitat
 14.23 and opportunities for pollinator nesting and
 14.24 foraging. This appropriation is available until
 14.25 June 30, 2017, by which time the project must
 14.26 be completed and final products delivered.

14.27 **(b) Understanding Systemic Insecticides as**
 14.28 **Protection Strategy for Bees**

14.29 \$326,000 the second year is from the
 14.30 trust fund to the Board of Regents of the
 14.31 University of Minnesota to continue research
 14.32 on how native bee and honey bee colonies
 14.33 are impacted by systemic, neonicotinyl
 14.34 insecticides in pollen and nectar of plants
 14.35 growing in fields and landscapes. This
 14.36 appropriation is available until June 30,

15.1 2017, by which time the project must be
15.2 completed and final products delivered.

15.3 **(c) Prairie Sustainability Through Seed**
15.4 **Storage, Beneficial Microbes, and Adaptation**

15.5 \$600,000 the second year is from the
15.6 trust fund to the Board of Regents of the
15.7 University of Minnesota to collect and
15.8 preserve germplasm of plants throughout
15.9 Minnesota's prairie region, study the
15.10 microbial effects that promote plant health,
15.11 analyze local adaptation, and evaluate the
15.12 adaptive capacity of prairie plant populations.

15.13 This appropriation is available until June
15.14 30, 2017, by which time the project must be
15.15 completed and final products delivered.

15.16 **(d) Northeast Minnesota White Cedar**
15.17 **Restoration – Phase 2**

15.18 \$335,000 the second year is from the trust
15.19 fund to the Board of Water and Soil Resources
15.20 to continue an assessment of the decline of
15.21 northern white cedar plant communities in
15.22 northeast Minnesota, demonstrate restoration
15.23 techniques, and provide cedar restoration
15.24 training to local units of government. This
15.25 appropriation is available until June 30,
15.26 2017, by which time the project must be
15.27 completed and final products delivered.

15.28 **(e) Southeast Minnesota Watershed Protection**
15.29 **Plan**

15.30 \$200,000 the second year is from the
15.31 trust fund to the commissioner of natural
15.32 resources for an agreement with The Nature
15.33 Conservancy to provide a framework and
15.34 plans for the protection and stewardship of
15.35 unimpaired waters in southeast Minnesota.
15.36 The result will be a template for watershed

16.1 protection in Minnesota. This appropriation
16.2 is available until June 30, 2017, by which
16.3 time the project must be completed and final
16.4 products delivered.

16.5 **(f) Upland and Shoreline Restoration in**
16.6 **Greater Metropolitan Area**

16.7 \$300,000 the second year is from the
16.8 trust fund to the commissioner of natural
16.9 resources for an agreement with Great River
16.10 Greening to restore and enhance upland,
16.11 shoreline, and approximately 150 acres of
16.12 forests, woodlands, savanna, and prairie and
16.13 to provide related educational opportunities
16.14 for volunteers in the greater metropolitan
16.15 area. A list of proposed restorations and
16.16 enhancements must be provided as part of
16.17 the required work plan. This appropriation
16.18 is available until June 30, 2017, by which
16.19 time the project must be completed and final
16.20 products delivered.

16.21 **(g) Prairie, Forest, and Savanna Restoration in**
16.22 **Greater Metropolitan Area**

16.23 \$200,000 the second year is from the trust
16.24 fund to the commissioner of natural resources
16.25 for an agreement with Friends of the
16.26 Mississippi River to restore approximately
16.27 150 acres of prairie, forests, and oak savanna
16.28 in the greater metropolitan area. A list of
16.29 proposed restorations and enhancements
16.30 must be provided as part of the required work
16.31 plan. This appropriation is available until
16.32 June 30, 2017, by which time the project must
16.33 be completed and final products delivered.

16.34 **(h) Nutrient Capture through Water**
16.35 **Management and Biomass Harvesting**

17.1 \$300,000 the second year is from the trust
17.2 fund to the commissioner of natural resources
17.3 for an agreement with the Red River Basin
17.4 Commission to evaluate the potential capture
17.5 of excess nutrients using cattails grown and
17.6 harvested within shallow flood reservoirs
17.7 for bioenergy use. This appropriation is
17.8 available until June 30, 2017, by which time
17.9 the project must be completed and final
17.10 products delivered.

17.11 **(i) Cattail Management for Wetland Wildlife**
17.12 **and Bioenergy Potential**

17.13 \$74,000 the second year is from the trust fund
17.14 to the Board of Regents of the University of
17.15 Minnesota for the Northwest Research and
17.16 Outreach Center in Crookston to evaluate
17.17 different management techniques for cattail
17.18 control and related wildlife impacts in
17.19 northwest Minnesota and to assess the use of
17.20 cattails as a biofuel feedstock.

17.21 **(j) Dredged Sediment for Forest Restoration on**
17.22 **Unproductive Minelands**

17.23 \$300,000 the second year is from the
17.24 trust fund to the Board of Regents of the
17.25 University of Minnesota–Duluth for the
17.26 Natural Resources Research Institute to
17.27 restore up to 136 acres of unproductive mine
17.28 stockpile while improving the treatment
17.29 of municipal sewage and biosolids near
17.30 Virginia using clean Erie Pier dredged
17.31 sediment and managed forestry techniques.
17.32 This appropriation is available until June
17.33 30, 2018, by which time the project must be
17.34 completed and final products delivered.

17.35 **(k) Expansion of Greenhouse Production**

18.1 \$176,000 the second year is from the
 18.2 trust fund to the commissioner of natural
 18.3 resources for an agreement with the city
 18.4 of Silver Bay to expand and enhance a
 18.5 city-owned greenhouse facility to increase
 18.6 system production for locally grown food on
 18.7 a year-round basis and reduce water usage.

18.8 **Subd. 7. Land Acquisition for Habitat and**
 18.9 **Recreation**

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6,923,000

18.10 **(a) Scientific and Natural Area Acquisition,**
 18.11 **Restoration, Improvement, and Citizen**
 18.12 **Engagement**

18.13 \$2,540,000 the second year is from the
 18.14 trust fund to the commissioner of natural
 18.15 resources to acquire lands with high-quality
 18.16 native plant communities and rare features to
 18.17 be established as scientific and natural areas
 18.18 as provided in Minnesota Statutes, section
 18.19 86A.05, subdivision 5, restore and improve
 18.20 parts of scientific and natural areas, and
 18.21 provide technical assistance and outreach. A
 18.22 list of proposed acquisitions must be provided
 18.23 as part of the required work program. Land
 18.24 acquired with this appropriation must
 18.25 be sufficiently improved to meet at least
 18.26 minimum management standards, as
 18.27 determined by the commissioner of natural
 18.28 resources. This appropriation is available
 18.29 until June 30, 2017, by which time the
 18.30 project must be completed and final products
 18.31 delivered.

18.32 **(b) Metropolitan Regional Park System**
 18.33 **Acquisition**

18.34 \$1,500,000 the second year is from the
 18.35 trust fund to the Metropolitan Council for
 18.36 grants for the acquisition of lands within

19.1 the approved park unit boundaries of the
19.2 metropolitan regional park system. This
19.3 appropriation may not be used for the
19.4 purchase of habitable residential structures.
19.5 A list of proposed fee title and easement
19.6 acquisitions must be provided as part of the
19.7 required work program. This appropriation
19.8 must be matched by at least 40 percent of
19.9 nonstate money that must be committed by
19.10 December 31, 2014, or the appropriation
19.11 ends. This appropriation is available until
19.12 June 30, 2017, by which time the project must
19.13 be completed and final products delivered.

19.14 **(c) Mesabi Trail Development – Soudan to Ely**
19.15 **Segment**

19.16 \$1,000,000 the second year is from the
19.17 trust fund to the commissioner of natural
19.18 resources for an agreement with St. Louis
19.19 and Lake Counties Regional Rail Authority
19.20 for the right-of-way acquisition, design, and
19.21 construction of segments of the Mesabi Trail
19.22 totaling approximately 18 miles between
19.23 Soudan and Ely. This appropriation is
19.24 available until June 30, 2017, by which time
19.25 the project must be completed and final
19.26 products delivered.

19.27 **(d) Shoreland Acquisition on St. Croix River**

19.28 \$1,250,000 the second year is from the trust
19.29 fund to the commissioner of natural resources
19.30 for an agreement with Washington County to
19.31 purchase 15 acres, encompassing 3,500 feet
19.32 of St. Croix shoreland paralleling Brown's
19.33 Creek State Trail in the city of Stillwater. The
19.34 county will transfer the parcel to the city of
19.35 Stillwater. This appropriation is contingent

20.1 on the expenditure of at least \$2,500,000 of
20.2 nonstate match.

20.3 **(e) Martin County Park and Natural Area**
20.4 **Acquisition**

20.5 \$435,000 the second year is from the
20.6 trust fund to the commissioner of natural
20.7 resources for an agreement with the Fox
20.8 Lake Conservation League, Inc. and Martin
20.9 County to acquire approximately 40 acres
20.10 in Martin County, including a ten-acre
20.11 prairie remnant to be owned and managed
20.12 by Martin County as part of its park system.

20.13 A vegetation management plan must be
20.14 developed and implemented and public
20.15 access must be provided to the native prairie
20.16 remnant. This appropriation is available until
20.17 June 30, 2017, by which time the project must
20.18 be completed and final products delivered.

20.19 **(f) Minnesota River Water Trailhead and**
20.20 **Landing in Morton**

20.21 \$198,000 the second year is from the trust
20.22 fund to the commissioner of natural resources
20.23 for an agreement with the city of Morton to
20.24 acquire 31 acres for a Minnesota River water
20.25 trailhead and canoe landing and to design and
20.26 build interpretative trails around the landing
20.27 complex. This appropriation is available until
20.28 June 30, 2017, by which time the project must
20.29 be completed and final products delivered.

20.30 **Subd. 8. Air Quality, Climate Change, and**
20.31 **Renewable Energy**

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3,360,000

20.32 **(a) Solar Cell Materials from Sulfur and**
20.33 **Common Metals**

20.34 \$494,000 the second year is from the
20.35 trust fund to the Board of Regents of the
20.36 University of Minnesota to develop solar cell

21.1 materials using nontoxic and common metals
 21.2 combined with sulfur. This appropriation
 21.3 is subject to Minnesota Statutes, section
 21.4 116P.10. This appropriation is available until
 21.5 June 30, 2017, by which time the project must
 21.6 be completed and final products delivered.

21.7 **(b) Innovative Groundwater-Enhanced**
 21.8 **Geothermal Heat Pump Study**

21.9 \$196,000 the second year is from the
 21.10 trust fund to the Board of Regents of the
 21.11 University of Minnesota to analyze and
 21.12 validate a new geothermal pump method and
 21.13 technology that will reduce heat pump costs
 21.14 and improve performance and predictability.
 21.15 This appropriation is subject to Minnesota
 21.16 Statutes, section 116P.10.

21.17 **(c) Demonstrating Innovative Technologies to**
 21.18 **Fully Utilize Wastewater Resources**

21.19 \$1,000,000 the second year is from the
 21.20 trust fund to the Board of Regents of the
 21.21 University of Minnesota to demonstrate
 21.22 innovative technologies to utilize and
 21.23 treat wastewater streams for conversion
 21.24 of treatment by-products to biofuels. This
 21.25 appropriation is subject to Minnesota
 21.26 Statutes, section 116P.10. This appropriation
 21.27 is available until June 30, 2017, by which
 21.28 time the project must be completed and final
 21.29 products delivered.

21.30 **(d) Transitioning Minnesota Farms to Local**
 21.31 **Energy**

21.32 \$500,000 the second year is from the trust
 21.33 fund to the Board of Regents of the University
 21.34 of Minnesota for the West Central Research
 21.35 and Outreach Center in Morris to develop
 21.36 clean energy strategies for Minnesota farms

22.1 in order to reduce fossil fuel energy use
 22.2 and increase local energy production. Any
 22.3 installation of infrastructure or improvements
 22.4 must be at the University of Minnesota West
 22.5 Central Research and Outreach Center. This
 22.6 appropriation is available until June 30,
 22.7 2017, by which time the project must be
 22.8 completed and final products delivered.

22.9 **(e) Life Cycle Energy of Renewably Produced**
 22.10 **Nitrogen Fertilizers**

22.11 \$250,000 the second year is from the trust
 22.12 fund to the Board of Regents of the University
 22.13 of Minnesota for the West Central Research
 22.14 and Outreach Center in Morris to calculate
 22.15 fossil fuel energy savings and greenhouse
 22.16 gas reductions resulting from the use of local
 22.17 renewable energy technologies, including
 22.18 biomass gasification, anaerobic digestion,
 22.19 and hydroelectricity to produce fertilizer.
 22.20 This appropriation is available until June
 22.21 30, 2017, by which time the project must be
 22.22 completed and final products delivered.

22.23 **(f) Clean Water and Renewable Energy from**
 22.24 **Beet Processing Wastewater and Manure**

22.25 \$400,000 the second year is from the
 22.26 trust fund to the Board of Regents of the
 22.27 University of Minnesota for the Southern
 22.28 Research and Outreach Center in Waseca to
 22.29 research the cofermentation of sugar beet
 22.30 processing wastewater and swine manure
 22.31 for hydrogen and methane production and
 22.32 to install and evaluate a pilot-scale system.
 22.33 This appropriation is subject to Minnesota
 22.34 Statutes, section 116P.10. This appropriation
 22.35 is available until June 30, 2017, by which

- 23.1 time the project must be completed and final
 23.2 products delivered.
- 23.3 **(g) Next Generation Large-Scale Septic Tank**
 23.4 **Systems**
- 23.5 \$258,000 the second year is from the
 23.6 trust fund to the Board of Regents of the
 23.7 University of Minnesota to develop a
 23.8 dual utility large-scale septic tank system
 23.9 designed for nutrient recuperation, bioenergy
 23.10 generation, and environmental protection
 23.11 using a bio-electrochemical system. This
 23.12 appropriation is subject to Minnesota
 23.13 Statutes, section 116P.10. This appropriation
 23.14 is available until June 30, 2017, by which
 23.15 time the project must be completed and final
 23.16 products delivered.
- 23.17 **(h) Solar Photovoltaic Installation at**
 23.18 **Residential Environmental Learning Centers**
- 23.19 \$150,000 the second year is from the
 23.20 trust fund to the commissioner of natural
 23.21 resources for agreements as follows: \$25,000
 23.22 with Audubon Center of the North Woods;
 23.23 \$25,000 with Deep Portage Learning Center;
 23.24 \$25,000 with Eagle Bluff Environmental
 23.25 Learning Center; \$25,000 with Laurentian
 23.26 Environmental Learning Center; \$25,000
 23.27 with Long Lake Conservation Center; and
 23.28 \$25,000 with Wolf Ridge Environmental
 23.29 Learning Center to install five kilowatt
 23.30 institutional solar arrays at each of the six
 23.31 residential environmental learning centers
 23.32 as a teaching tool. Prior to the installation,
 23.33 the proposed placement of the solar arrays
 23.34 must be submitted to the Legislative-Citizen
 23.35 Commission on Minnesota Resources office

24.1 to ensure the demonstration of the maximum
24.2 educational value.

24.3 **(i) Itasca Community College Woody Biomass**
24.4 **Utilization Project Design**

24.5 \$112,000 the second year is from the trust
24.6 fund to the commissioner of natural resources
24.7 for an agreement with Itasca Community
24.8 College to develop a final design for
24.9 installation of a boiler heating system using
24.10 woody biomass. Students at the college must
24.11 be involved in the final design process.

24.12 **Subd. 9. Environmental Education** -0- 3,681,000

24.13 **(a) Minnesota Conservation Apprenticeship**
24.14 **Academy**

24.15 \$392,000 the second year is from the
24.16 trust fund to the Board of Water and Soil
24.17 Resources in cooperation with Conservation
24.18 Corps Minnesota to continue a program
24.19 to train and mentor future conservation
24.20 professionals by providing apprenticeship
24.21 service opportunities with soil and water
24.22 conservation districts. This appropriation
24.23 is available until June 30, 2017, by which
24.24 time the project must be completed and final
24.25 products delivered.

24.26 **(b) Youth-led Sustainability Initiatives in 40**
24.27 **Greater Minnesota Communities**

24.28 \$350,000 the second year is from the
24.29 trust fund to the commissioner of natural
24.30 resources for an agreement with Prairie
24.31 Woods Environmental Learning Center
24.32 and Laurentian Environmental Learning
24.33 Center to complete over 100 youth-led
24.34 sustainability action projects in 40

25.1 communities in southwest, southeast, central
25.2 and northeastern Minnesota.

25.3 **(c) Urban Environmental Education Engaging**
25.4 **Students in Local Resources**

25.5 \$1,093,000 the second year is from the trust
25.6 fund to the commissioner of natural resources
25.7 for an agreement with Wilderness Inquiry
25.8 for a collaborative partnership, including the
25.9 National Park Service, Minneapolis Public
25.10 Schools, and St. Paul Public Schools, to
25.11 establish a metrowide system providing
25.12 place-based environmental education
25.13 experiences using existing, but underutilized,
25.14 outdoor environmental resources serving
25.15 over 15,000 middle and high school students.

25.16 This appropriation is available until June
25.17 30, 2017, by which time the project must be
25.18 completed and final products delivered.

25.19 **(d) Diversifying Involvement in the Natural**
25.20 **Resources Community**

25.21 \$416,000 the second year is from the
25.22 trust fund to the commissioner of natural
25.23 resources and \$84,000 is to the Board of
25.24 Regents of the University of Minnesota to
25.25 increase participation of under-represented
25.26 communities in the natural resource
25.27 professions and in outdoor recreation by
25.28 means of targeted urban outreach and
25.29 stronger linkages between Department of
25.30 Natural Resources programs and academic
25.31 offerings. This initiative must be coordinated
25.32 with other environmental education
25.33 appropriations in this subdivision. This
25.34 appropriation is available until June 30,
25.35 2017, by which time the project must be
25.36 completed and final products delivered.

26.1 **(e) Educating Minnesotans about Potential**
26.2 **Impacts of Changing Climate**

26.3 \$325,000 the second year is from the trust
26.4 fund to the commissioner of natural resources
26.5 for an agreement with the Will Steger
26.6 Foundation to plan and conduct forums,
26.7 workshops, and trainings on Minnesota's
26.8 changing climate and the potential impacts
26.9 on ecosystems and natural resources. An
26.10 accompanying television program and
26.11 information spots must be produced for
26.12 broadcast and use at the forums.

26.13 **(f) Pollinator Education Center at the**
26.14 **Minnesota Landscape Arboretum**

26.15 \$615,000 the second year is from the
26.16 trust fund to the Board of Regents of the
26.17 University of Minnesota to develop exhibits
26.18 for an educational center that will offer
26.19 hands-on learning experience about the role
26.20 of pollinators and importance of pollinator
26.21 habitat. Exhibits must utilize and integrate
26.22 the best available science pertaining to
26.23 all pollinator types, particularly native
26.24 species. Approval of the work plan for
26.25 this appropriation is contingent upon the
26.26 organization addressing how it will increase
26.27 access to the center by youth at no or limited
26.28 cost.

26.29 **(g) Minnesota Pollinator Partnership**

26.30 \$100,000 the second year is from the trust
26.31 fund to the commissioner of natural resources
26.32 for an agreement with Pheasants Forever to
26.33 complete 40 community pollinator education
26.34 and habitat projects. This appropriation
26.35 must be coordinated with appropriations

27.1 provided by the outdoor heritage fund. This
 27.2 appropriation is available until June 30,
 27.3 2017, by which time the project must be
 27.4 completed and final products delivered.

27.5 **(h) Raptor Center Integrating Online and**
 27.6 **Outdoor Learning Environments**

27.7 \$186,000 the second year is from the
 27.8 trust fund to the Board of Regents of the
 27.9 University of Minnesota for the Raptor
 27.10 Center to develop an environmental
 27.11 education program on raptors for middle
 27.12 schools that integrates outdoor experiences
 27.13 with technology and scientific investigation.

27.14 **(i) Wolf Management Education**

27.15 \$120,000 the second year is from the trust
 27.16 fund to the commissioner of natural resources
 27.17 for an agreement with the International
 27.18 Wolf Center for outreach to metro area
 27.19 kindergarten through grade 12 classrooms
 27.20 and nature centers to help children understand
 27.21 wolf management issues.

27.22 **Subd. 10. Administration and Contract**
 27.23 **Agreement Reimbursement**

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244,000

27.24 **(a) Contract Agreement Reimbursement**

27.25 \$135,000 the second year is from
 27.26 the trust fund to the commissioner of
 27.27 natural resources at the direction of
 27.28 the Legislative-Citizen Commission on
 27.29 Minnesota Resources for expenses incurred
 27.30 for contract agreement reimbursement for
 27.31 the agreements specified in this section. The
 27.32 commissioner shall provide documentation
 27.33 to the Legislative-Citizen Commission on
 27.34 Minnesota Resources on the expenditure of
 27.35 these funds.

28.1 **(b) Legislative Coordinating Commission**
 28.2 **Legacy Web Site**

28.3 \$9,000 the second year is from the trust fund
 28.4 to the Legislative Coordinating Commission
 28.5 for the Web site required in Minnesota
 28.6 Statutes, section 3.303, subdivision 10.

28.7 **(c) Legislative-Citizen Commission on**
 28.8 **Minnesota Resources (LCCMR)**

28.9 \$100,000 the second year is from the
 28.10 trust fund to the LCCMR for upgrade
 28.11 and modernization of a project records
 28.12 management system.

28.13 **Subd. 11. Availability of Appropriations**

28.14 Money appropriated in this section may
 28.15 not be spent on activities unless they are
 28.16 directly related to and necessary for a specific
 28.17 appropriation and are specified in the work
 28.18 plan approved by the Legislative-Citizen
 28.19 Commission on Minnesota Resources.

28.20 Money appropriated in this section must
 28.21 not be spent on indirect costs or other
 28.22 institutional overhead charges that are
 28.23 not directly related to and necessary for
 28.24 a specific appropriation. Costs that are
 28.25 directly related to and necessary for an
 28.26 appropriation, including financial services,
 28.27 human resources, information services, rent,
 28.28 and utilities, are eligible only if the costs
 28.29 can be clearly justified and individually
 28.30 documented specific to the appropriation's
 28.31 purpose and would not be generated by
 28.32 the recipient but for the receipt of the
 28.33 appropriation. No broad allocations for costs
 28.34 in either dollars or percentages are allowed.
 28.35 Unless otherwise provided, the amounts in

29.1 this section are available until June 30, 2016,
29.2 when projects must be completed and final
29.3 products delivered. For acquisition of real
29.4 property, the appropriations in this section
29.5 are available for an additional fiscal year if a
29.6 binding contract for acquisition of the real
29.7 property is entered into before the original
29.8 expiration date of the appropriation. If a
29.9 project receives a federal grant, the time
29.10 period of the appropriation is extended to
29.11 equal the federal grant period.

29.12 **Subd. 12. Data Availability Requirements**

29.13 Data collected by the projects funded under
29.14 this section must conform to guidelines
29.15 and standards adopted by MN.IT Services.
29.16 Spatial data also must conform to additional
29.17 guidelines and standards designed to support
29.18 data coordination and distribution that have
29.19 been published by the Minnesota Geospatial
29.20 Information Office. Descriptions of spatial
29.21 data must be prepared as specified in
29.22 the state's geographic metadata guideline
29.23 and must be submitted to the Minnesota
29.24 Geospatial Information Office. All data must
29.25 be accessible and free to the public unless
29.26 made private under the Data Practices Act,
29.27 Minnesota Statutes, chapter 13. To the extent
29.28 practicable, summary data and results of
29.29 projects funded under this section should
29.30 be readily accessible on the Internet and
29.31 identified as having received funding from
29.32 the environment and natural resources trust
29.33 fund.

29.34 **Subd. 13. Project Requirements**

30.1 (a) As a condition of accepting an
30.2 appropriation under this section, any agency
30.3 or entity receiving an appropriation or a
30.4 party to an agreement from an appropriation
30.5 must comply with paragraphs (b) to (k)
30.6 and Minnesota Statutes, chapter 116P, and
30.7 must submit a work plan and semiannual
30.8 progress reports in the form determined
30.9 by the Legislative-Citizen Commission on
30.10 Minnesota Resources for any project funded
30.11 in whole or in part with funds from the
30.12 appropriation. Modifications to the approved
30.13 work plan and budget expenditures shall
30.14 be made through the amendment process
30.15 established by the Legislative-Citizen
30.16 Commission on Minnesota Resources.

30.17 (b) For all restorations conducted with
30.18 money appropriated under this section,
30.19 a recipient must prepare an ecological
30.20 restoration and management plan that, to
30.21 the degree practicable, is consistent with the
30.22 highest quality conservation and ecological
30.23 goals for the restoration site. Consideration
30.24 should be given to soil, geology, topography,
30.25 and other relevant factors that would provide
30.26 the best chance for long-term success of the
30.27 restoration projects. The plan must include
30.28 the proposed timetable for implementing
30.29 the restoration, including site preparation,
30.30 establishment of diverse plant species,
30.31 maintenance, and additional enhancement to
30.32 establish the restoration; identify long-term
30.33 maintenance and management needs of
30.34 the restoration and how the maintenance,
30.35 management, and enhancement will be
30.36 financed; and take advantage of the best

31.1 available science and include innovative
31.2 techniques to achieve the best restoration.

31.3 (c) Any entity receiving an appropriation in
31.4 this section for restoration activities must
31.5 provide an initial restoration evaluation
31.6 at the completion of the appropriation
31.7 and an evaluation three years beyond the
31.8 completion of the expenditure. Restorations
31.9 must be evaluated relative to the stated
31.10 goals and standards in the restoration plan,
31.11 current science, and, when applicable, the
31.12 Board of Water and Soil Resources' native
31.13 vegetation establishment and enhancement
31.14 guidelines. The evaluation shall determine
31.15 whether the restorations are meeting planned
31.16 goals, identify any problems with the
31.17 implementation of the restorations, and,
31.18 if necessary, give recommendations on
31.19 improving restorations. The evaluation shall
31.20 be focused on improving future restorations.

31.21 (d) All restoration and enhancement projects
31.22 funded with money appropriated in this
31.23 section must be on land permanently
31.24 protected by a conservation easement or
31.25 public ownership.

31.26 (e) A recipient of money from an
31.27 appropriation under this section must
31.28 give consideration to contracting with
31.29 Conservation Corps Minnesota for contract
31.30 restoration and enhancement services.

31.31 (f) All conservation easements acquired with
31.32 money appropriated under this section must:

31.33 (1) be perpetual;
31.34 (2) specify the parties to an easement in the
31.35 easement;

- 32.1 (3) specify all of the provisions of an
32.2 agreement that are perpetual;
- 32.3 (4) be sent to the Legislative-Citizen
32.4 Commission on Minnesota Resources in an
32.5 electronic format at least ten business days
32.6 prior to closing;
- 32.7 (5) include a long-term monitoring and
32.8 enforcement plan and funding for monitoring
32.9 and enforcing the easement agreement; and
- 32.10 (6) include requirements in the easement
32.11 document to address specific groundwater
32.12 and surface water quality protection activities
32.13 such as keeping water on the landscape,
32.14 reducing nutrient and contaminant loading,
32.15 protecting groundwater, and not permitting
32.16 artificial hydrological modifications.
- 32.17 (g) For any acquisition of land or interest in
32.18 land, a recipient of money appropriated under
32.19 this section must give priority to high-quality
32.20 natural resources or conservation lands that
32.21 provide natural buffers to water resources.
- 32.22 (h) For new lands acquired with money
32.23 appropriated under this section, a recipient
32.24 must prepare an ecological restoration
32.25 and management plan in compliance with
32.26 paragraph (b), including sufficient funding
32.27 for implementation unless the work plan
32.28 addresses why a portion of the money is
32.29 not necessary to achieve a high-quality
32.30 restoration.
- 32.31 (i) To the extent an appropriation is used to
32.32 acquire an interest in real property, a recipient
32.33 of an appropriation under this section
32.34 must provide to the Legislative-Citizen
32.35 Commission on Minnesota Resources and

33.1 the commissioner of management and budget
33.2 an analysis of increased operation and
33.3 maintenance costs likely to be incurred by
33.4 public entities as a result of the acquisition
33.5 and how these costs are to be paid.

33.6 (j) To ensure public accountability for
33.7 the use of public funds, within 60 days
33.8 of the transaction, a recipient of money
33.9 appropriated under this section must provide
33.10 to the Legislative-Citizen Commission on
33.11 Minnesota Resources documentation of the
33.12 selection process used to identify parcels
33.13 acquired and provide documentation of all
33.14 related transaction costs, including but not
33.15 limited to appraisals, legal fees, recording
33.16 fees, commissions, other similar costs,
33.17 and donations. This information must be
33.18 provided for all parties involved in the
33.19 transaction. The recipient must also report
33.20 to the Legislative-Citizen Commission on
33.21 Minnesota Resources any difference between
33.22 the acquisition amount paid to the seller
33.23 and the state-certified or state-reviewed
33.24 appraisal, if a state-certified or state-reviewed
33.25 appraisal was conducted. Acquisition data
33.26 such as appraisals may remain private during
33.27 negotiations but must ultimately be made
33.28 public according to Minnesota Statutes,
33.29 chapter 13. The commission may waive the
33.30 application of this paragraph for specific
33.31 projects.

33.32 (k) A recipient of an appropriation from
33.33 the trust fund under this section must
33.34 acknowledge financial support from
33.35 the Minnesota environment and natural
33.36 resources trust fund in project publications,

34.1 signage, and other public communications
34.2 and outreach related to work completed
34.3 using the appropriation. Acknowledgement
34.4 may occur, as appropriate, through use of
34.5 the trust fund logo or inclusion of language
34.6 attributing support from the trust fund. Each
34.7 direct recipient of money appropriated in
34.8 this section, as well as each recipient of a
34.9 grant awarded pursuant to this section, must
34.10 satisfy all reporting and other requirements
34.11 incumbent upon constitutionally dedicated
34.12 funding recipients as provided in Minnesota
34.13 Statutes, section 3.303, subdivision 10, and
34.14 chapter 116P.

34.15 **Subd. 14. Payment Conditions and Capital**
34.16 **Equipment Expenditures**

34.17 (a) All agreements, grants, or contracts
34.18 referred to in this section must be
34.19 administered on a reimbursement basis
34.20 unless otherwise provided in this section.
34.21 Notwithstanding Minnesota Statutes, section
34.22 16A.41, expenditures made on or after
34.23 July 1, 2014, or the date the work plan is
34.24 approved, whichever is later, are eligible for
34.25 reimbursement unless otherwise provided
34.26 in this section. Periodic payment must be
34.27 made upon receiving documentation that
34.28 the deliverable items articulated in the
34.29 approved work plan have been achieved,
34.30 including partial achievements as evidenced
34.31 by approved progress reports. Reasonable
34.32 amounts may be advanced to projects to
34.33 accommodate cash flow needs or match
34.34 federal money. The advances must be
34.35 approved as part of the work plan. No
34.36 expenditures for capital equipment are

35.1 allowed unless expressly authorized in the
 35.2 project work plan.

35.3 (b) Single source contracts as specified in the
 35.4 approved work plan are allowed.

35.5 **Subd. 15. Purchase of Recycled and Recyclable**
 35.6 **Materials**

35.7 A political subdivision, public or private
 35.8 corporation, or other entity that receives an
 35.9 appropriation under this section must use the
 35.10 appropriation in compliance with Minnesota
 35.11 Statutes, section 16B.121, regarding
 35.12 purchase of recycled, repairable, and durable
 35.13 materials; and Minnesota Statutes, section
 35.14 16B.122, regarding purchase and use of
 35.15 paper stock and printing.

35.16 **Subd. 16. Energy Conservation and**
 35.17 **Sustainable Building Guidelines**

35.18 A recipient to whom an appropriation is made
 35.19 under this section for a capital improvement
 35.20 project must ensure that the project complies
 35.21 with the applicable energy conservation and
 35.22 sustainable building guidelines and standards
 35.23 contained in law, including Minnesota
 35.24 Statutes, sections 16B.325, 216C.19, and
 35.25 216C.20, and rules adopted under those
 35.26 sections. The recipient may use the energy
 35.27 planning, advocacy, and State Energy Office
 35.28 units of the Department of Commerce to
 35.29 obtain information and technical assistance
 35.30 on energy conservation and alternative
 35.31 energy development relating to the planning
 35.32 and construction of the capital improvement
 35.33 project.

35.34 **Subd. 17. Accessibility**

36.1 Structural and nonstructural facilities must
36.2 meet the design standards in the Americans
36.3 with Disabilities Act (ADA) accessibility
36.4 guidelines.

36.5 **Subd. 18. Easement Monitoring and**
36.6 **Enforcement Requirements**

36.7 Money appropriated under this section for
36.8 easement monitoring and enforcement may
36.9 be spent only on activities included in an
36.10 easement monitoring and enforcement plan
36.11 contained within the work plan. Money
36.12 received for monitoring and enforcement,
36.13 including earnings on the money received,
36.14 shall be kept in a monitoring and enforcement
36.15 fund held by the organization and dedicated
36.16 to monitoring and enforcing conservation
36.17 easements within Minnesota. Within 120
36.18 days after the close of the entity's fiscal
36.19 year, an entity receiving appropriations
36.20 for easement monitoring and enforcement
36.21 must provide an annual financial report
36.22 to the Legislative-Citizen Commission on
36.23 Minnesota Resources or its successor on the
36.24 easement monitoring and enforcement fund
36.25 as specified in the work plan.

36.26 Money appropriated under this section for
36.27 monitoring and enforcement of easements
36.28 and earnings on the money appropriated
36.29 shall revert to the state if: (1) the easement
36.30 transfers to the state; (2) the holder of the
36.31 easement fails to file an annual report and
36.32 then fails to cure that default within 30 days
36.33 of notification of the default by the state;
36.34 or (3) the holder of the easement fails to
36.35 comply with the terms of the monitoring and
36.36 enforcement plan contained within the work

37.1 plan and fails to cure that default within 90
 37.2 days of notification of the default by the state.

37.3 Subd. 19. **Carryforward**

37.4 (a) The availability of the appropriations for
 37.5 the following projects are extended to June
 37.6 30, 2015:

37.7 (1) Laws 2011, First Special Session
 37.8 chapter 2, article 3, section 2, subdivision
 37.9 3, paragraph (j), Information System for
 37.10 Wildlife and Aquatic Management Areas;

37.11 (2) Laws 2011, First Special Session
 37.12 chapter 2, article 3, section 2, subdivision 4,
 37.13 paragraph (b), State Parks and Trails Land
 37.14 Acquisition;

37.15 (3) Laws 2011, First Special Session
 37.16 chapter 2, article 3, section 2, subdivision
 37.17 4, paragraph (i), Metropolitan Conservation
 37.18 Corridors (MeCC) - Phase VI; and

37.19 (4) Laws 2011, First Special Session
 37.20 chapter 2, article 3, section 2, subdivision 6,
 37.21 paragraph (c), Evaluation of Switchgrass as
 37.22 Biofuel Crop.

37.23 (b) The availability of the appropriations for
 37.24 the following project is extended to June
 37.25 30, 2017: Laws 2013, chapter 52, section
 37.26 2, subdivision 6, paragraph (g), Controlling
 37.27 Terrestrial Invasive Plants with Grazing
 37.28 Animals.

37.29 Sec. 3. Minnesota Statutes 2013 Supplement, section 116P.17, is amended to read:

37.30 **116P.17 ACQUISITION OF LANDS OR INTEREST IN LANDS;**
 37.31 **COMMISSIONER APPROVAL.**

37.32 Subdivision 1. **Commissioner approval.** (a) A recipient of an appropriation from
 37.33 the trust fund who acquires an interest in real property must receive written approval from

38.1 the commissioner of natural resources prior to the acquisition, if the interest is acquired
38.2 in whole or in part with the appropriation. A recipient must request the commissioner's
38.3 approval at least ten business days before the proposed acquisition. When a recipient
38.4 requests approval under this subdivision, the recipient must simultaneously submit the
38.5 same information to the commission. Conservation easements to be held by the Board of
38.6 Water and Soil Resources and acquisitions specifically identified in appropriation laws are
38.7 not subject to commissioner approval under this section.

38.8 (b) The commissioner shall approve acquisitions under this section only when the
38.9 interest in real property:

38.10 (1) is identified as a high priority by the commissioner and meets the objectives and
38.11 criteria identified in the applicable acquisition plan for the intended management status
38.12 of the property; or

38.13 (2) is otherwise identified by the commissioner as a priority for state financing.

38.14 Subd. 2. **Value assessment.** At least ten business days prior to acquiring an interest
38.15 in real property with an appropriation from the trust fund, a recipient of an appropriation
38.16 must submit the most recent tax assessed value and most recent tax statement of the real
38.17 property and the amount the recipient plans to offer for the interest in real property to the
38.18 commission and the commissioner of natural resources. Conservation easements to be
38.19 held by the Board of Water and Soil Resources are not subject to the requirements of this
38.20 section. The board shall keep a record of the tax assessed value of the real property at
38.21 the time of acquisition and the most recent tax statement.

38.22 Sec. 4. **REPEALER.**

38.23 Minnesota Statutes 2012, section 116P.05, subdivision 3, is repealed.

APPENDIX
Repealed Minnesota Statutes: 14-3891

**116P.05 LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA
RESOURCES.**

Subd. 3. **Sunset.** This section expires June 30, 2016, unless extended by law.