

SENATE
STATE OF MINNESOTA
EIGHTY-NINTH SESSION

S.F. No. 2963

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

DATE	D-PG	OFFICIAL STATUS
03/17/2016	5122	Introduction and first reading Referred to Finance
04/28/2016	6529a 6538	Comm report: To pass as amended Second reading
05/03/2016	6668 6668	Special Order Third reading Passed
05/16/2016	7029 7029 7047	Returned from House with amendment Senate not concur, conference committee of 3 requested Senate conferees Dzedzic; Westrom; Hoffman
05/18/2016	7164	House conferees Hackbarth; Green; Anzelc
05/22/2016	7429c 7469	Conference committee report, delete everything Senate adopted CC report and repassed bill Third reading
05/23/2016	8179 8185 8188	House adopted SCC report and repassed bill Presentment date 05/24/16 Governor's action Approval 05/31/16 Line item veto Pages 8-9, lines 8.30-9.2; page 9, lines 9.3-9.23; pages 9-10, lines 9.24-10.3; page 22, Secretary of State Chapter 186 05/31/16 Effective date, 07/01/16 lines 22.3-22.8, pages 30-31, lines 30.30-31.21; page 35, lines 35.3-35.12; page 35, lines 35.13-35.22

A bill for an act

1.1 relating to natural resources; appropriating money from environment and natural
1.2 resources trust fund; modifying provisions for Legislature-Citizen Commission
1.3 on Minnesota Resources; adding requirements for use of trust fund money;
1.4 creating reimbursement procedures for the University of Minnesota for money
1.5 from the environment and natural resources trust fund; amending Minnesota
1.6 Statutes 2014, sections 116P.05, subdivision 1; 137.025, by adding a subdivision;
1.7 Minnesota Statutes 2015 Supplement, section 116P.08, subdivision 5; proposing
1.8 coding for new law in Minnesota Statutes, chapter 116P.
1.9

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

1.11 Section 1. **APPROPRIATIONS.**

1.12 The sums shown in the columns marked "Appropriations" are appropriated to the
1.13 agencies and for the purposes specified in this act. The appropriations are from the
1.14 environment and natural resources trust fund, or another named fund, and are available for
1.15 the fiscal years indicated for each purpose. The figures "2016" and "2017" used in this act
1.16 mean that the appropriations listed under them are available for the fiscal year ending June
1.17 30, 2016, or June 30, 2017, respectively. "The first year" is fiscal year 2016. "The second
1.18 year" is fiscal year 2017. "The biennium" is fiscal years 2016 and 2017.

1.19	<u>APPROPRIATIONS</u>
1.20	<u>Available for the Year</u>
1.21	<u>Ending June 30</u>
1.22	<u>2016</u> <u>2017</u>

1.23 Sec. 2. **MINNESOTA RESOURCES**

1.24	<u>Subdivision 1. Total Appropriation</u>	<u>\$</u>	<u>-0-</u>	<u>\$</u>	<u>46,337,000</u>
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2.1	<u>Appropriations by Fund</u>	
2.2	<u>2016</u>	<u>2017</u>
2.3	<u>Environment and</u>	
2.4	<u>natural resources</u>	
2.5	<u>-0-</u>	<u>46,337,000</u>

2.6 The amounts that may be spent for each
 2.7 purpose are specified in the following
 2.8 subdivisions. Appropriations are available
 2.9 for two years beginning July 1, 2016, unless
 2.10 otherwise stated in the appropriation. Any
 2.11 unencumbered balance remaining in the
 2.12 first year does not cancel and is available
 2.13 for the second year or until the end of the
 2.14 appropriation.

2.15 **Subd. 2. Definition.**

2.16 "Trust fund" means the Minnesota
 2.17 environment and natural resources trust fund
 2.18 established under Minnesota Constitution,
 2.19 article XI, section 14.

2.20 **Subd. 3. Foundational Natural Resource Data**
 2.21 **and Information**

-0- 12,058,000

2.22 **(a) Data-Driven Pollinator Conservation**
 2.23 **Strategies**

2.24 \$520,000 the second year is from the trust
 2.25 fund to the Board of Regents of the University
 2.26 of Minnesota to improve understanding of the
 2.27 relationships and interactions between native
 2.28 bee pollinators and rare and declining plant
 2.29 species and to determine optimal placement
 2.30 and species plantings for pollinator habitat
 2.31 in order to develop guidelines for planning,
 2.32 designing, and planting pollinator habitat.
 2.33 This appropriation is available until June
 2.34 30, 2019, by which time the project must be
 2.35 completed and final products delivered.

3.1 **(b) Native Bee Surveys in Minnesota Prairie**
3.2 **and Forest Habitats**

3.3 \$600,000 the second year is from the trust
3.4 fund to the commissioner of natural resources
3.5 to continue to assess the current status and
3.6 distribution of native bee pollinators in
3.7 Minnesota by expanding surveys into the
3.8 prairie-forest border region and facilitating
3.9 interagency collaboration and public
3.10 outreach on pollinators. This appropriation
3.11 is available until June 30, 2019, by which
3.12 time the project must be completed and final
3.13 products delivered.

3.14 **(c) Prairie Butterfly Conservation, Research,**
3.15 **and Breeding - Phase II**

3.16 \$750,000 the second year is from the trust
3.17 fund. Of this amount, \$421,000 is to the
3.18 Minnesota Zoological Garden and \$329,000
3.19 is to the commissioner of natural resources in
3.20 collaboration with the United States Fish and
3.21 Wildlife Service to continue efforts to prevent
3.22 the extinction of imperiled native Minnesota
3.23 butterfly species through breeding, research,
3.24 field surveys, and potential reintroduction.
3.25 This appropriation is available until June
3.26 30, 2019, by which time the project must be
3.27 completed and final products delivered.

3.28 **(d) Statewide Monitoring Network for**
3.29 **Changing Habitats in Minnesota**

3.30 \$500,000 the second year is from the
3.31 trust fund to the commissioner of natural
3.32 resources to develop a consolidated statewide
3.33 network of permanent habitat monitoring
3.34 sites in prairies, forests, and wetlands to
3.35 help guide and prioritize habitat protection
3.36 and management decisions in response to

4.1 environmental change. The design and
4.2 testing methodologies of monitoring plots
4.3 must address the status of pollinators and
4.4 pollination. This appropriation is available
4.5 until June 30, 2019, by which time the
4.6 project must be completed and final products
4.7 delivered.

4.8 **(e) Completing National Wetland Inventory**
4.9 **Update for Minnesota**

4.10 \$1,500,000 the second year is from the trust
4.11 fund to the commissioner of natural resources
4.12 to complete the update and enhancement
4.13 of wetland inventory maps for counties in
4.14 central and northwestern Minnesota. This
4.15 appropriation is available until June 30,
4.16 2019, by which time the project must be
4.17 completed and final products delivered.

4.18 **(f) Assessment Tool for Understanding**
4.19 **Vegetation Growth Impacts on Groundwater**
4.20 **Recharge**

4.21 \$212,000 the second year is from the
4.22 trust fund to the Board of Regents of the
4.23 University of Minnesota to develop a
4.24 statewide assessment tool to help understand
4.25 the relationship between vegetation growth
4.26 and impacts on groundwater recharge
4.27 under changing land use and climate. This
4.28 appropriation is available until June 30,
4.29 2019, by which time the project must be
4.30 completed and final products delivered.

4.31 **(g) Sentinel Lakes Monitoring and Data**
4.32 **Synthesis – Phase III**

4.33 \$401,000 the second year is from the trust
4.34 fund to the commissioner of natural resources
4.35 for the third and final phase of a monitoring
4.36 and multidisciplinary research effort on

5.1 25 sentinel lakes in Minnesota, which will
5.2 integrate and synthesize previously collected
5.3 data to enhance understanding of how
5.4 lakes respond to large-scale environmental
5.5 stressors and provide for improved ability
5.6 to predict and respond to lake changes
5.7 for water and fisheries management. This
5.8 appropriation is available until June 30,
5.9 2019, by which time the project must be
5.10 completed and final products delivered.

5.11 **(h) State Spring Inventory for Resource**
5.12 **Management and Protection - Phase II**

5.13 \$370,000 the second year is from the trust
5.14 fund to the commissioner of natural resources
5.15 to continue a systematic inventory of springs
5.16 statewide to provide fundamental data
5.17 needed to maintain spring flows and protect
5.18 groundwater-dependent resources. Increased
5.19 outreach to the public and other entities must
5.20 be conducted to assist in the identification,
5.21 documentation, and publication of spring
5.22 locations. This appropriation is available
5.23 until June 30, 2019, by which time the
5.24 project must be completed and final products
5.25 delivered.

5.26 **(i) Enhancing Understanding of Minnesota**
5.27 **River Aquatic Ecosystem**

5.28 \$500,000 the second year is from the trust
5.29 fund to the commissioner of natural resources
5.30 to accelerate collection of baseline data to
5.31 enhance understanding of the Minnesota
5.32 River ecosystem, measure future impacts
5.33 of changing climate and landscapes on
5.34 the aquatic ecosystem, and guide future
5.35 management efforts. This appropriation
5.36 is available until June 30, 2019, by which

6.1 time the project must be completed and final
6.2 products delivered.

6.3 **(j) Improving Brook Trout Stream Habitat**
6.4 **Through Beaver Management**

6.5 \$225,000 the second year is from the
6.6 trust fund to the Board of Trustees of the
6.7 Minnesota State Colleges and Universities
6.8 system for Bemidji State University to
6.9 quantify how beaver activity influences
6.10 habitat quality in streams for brook trout in
6.11 northeastern Minnesota in order to improve
6.12 current and future management practices.

6.13 This appropriation is available until June
6.14 30, 2019, by which time the project must be
6.15 completed and final products delivered.

6.16 **(k) Evaluate Temperature, Streamflow, and**
6.17 **Hydrogeology Impact on Brook Trout Habitat**

6.18 \$115,000 the second year is from the
6.19 trust fund to the Board of Regents of the
6.20 University of Minnesota for the Minnesota
6.21 Geological Survey to evaluate links between
6.22 southeastern Minnesota stream temperatures,
6.23 trout habitat, and bedrock hydrogeology to
6.24 improve trout stream management. This
6.25 appropriation is available until June 30,
6.26 2019, by which time the project must be
6.27 completed and final products delivered.

6.28 **(l) Restoration of Elk to Northeastern**
6.29 **Minnesota**

6.30 \$300,000 the second year is from the
6.31 trust fund to the Board of Regents of the
6.32 University of Minnesota in cooperation with
6.33 the Fond du Lac Band and Rocky Mountain
6.34 Elk Foundation to determine the habitat
6.35 suitability and levels of public support for
6.36 restoring elk to northeastern Minnesota.

7.1 This appropriation is available until June
7.2 30, 2019, by which time the project must be
7.3 completed and final products delivered.

7.4 **(m) Game and Nongame Bird Pesticide**
7.5 **Exposure**

7.6 \$349,000 the second year is from the trust
7.7 fund to the Board of Regents of the University
7.8 of Minnesota to evaluate the potential risk
7.9 to game and nongame birds from exposure
7.10 to neonicotinoid-treated agricultural seeds.

7.11 This appropriation is available until June
7.12 30, 2019, by which time the project must be
7.13 completed and final products delivered.

7.14 **(n) Evaluating Insecticide Exposure Risk for**
7.15 **Grassland Wildlife on Public Lands**

7.16 \$250,000 the second year is from the trust
7.17 fund to the commissioner of natural resources
7.18 to evaluate exposure risks of grassland
7.19 wildlife to soybean aphid insecticides, to
7.20 guide grassland management in farmland
7.21 regions of Minnesota for the protection of
7.22 birds, beneficial insects, and other grassland
7.23 wildlife. This appropriation is available until
7.24 June 30, 2019, by which time the project must
7.25 be completed and final products delivered.

7.26 **(o) Development of Innovative Cost-Saving**
7.27 **Methodology for Forest Inventory**

7.28 \$800,000 the second year is from the trust
7.29 fund to the commissioner of natural resources
7.30 to develop and pilot a new and more
7.31 cost-effective methodology for an enhanced
7.32 stand-based forest inventory, with the goal
7.33 of extending the methodology statewide.

7.34 This appropriation is available until June
7.35 30, 2019, by which time the project must be
7.36 completed and final products delivered.

8.1 **(p) Evaluation of Tree Retention Guidelines**
8.2 **Pertaining to Wildlife**

8.3 \$232,000 the second year is from the
8.4 trust fund to the Board of Regents of the
8.5 University of Minnesota for the Natural
8.6 Resources Research Institute in Duluth to
8.7 assess the effectiveness of the Minnesota
8.8 Forest Resources Council tree retention
8.9 guidelines in sustaining Minnesota's wildlife
8.10 populations, by quantifying and evaluating
8.11 the impacts on birds, small mammals, and
8.12 amphibian diversity. This appropriation
8.13 is available until June 30, 2019, by which
8.14 time the project must be completed and final
8.15 products delivered.

8.16 **(q) Determine Impacts on Wildlife From**
8.17 **Emerald Ash Borer Infection of Black Ash**
8.18 **Forests**

8.19 \$334,000 the second year is from the
8.20 trust fund to the Board of Regents of the
8.21 University of Minnesota for the Natural
8.22 Resources Research Institute in Duluth
8.23 to assess impacts of emerald ash borer
8.24 and adaptive management on wildlife
8.25 diversity in black ash forests and to develop
8.26 recommendations to mitigate wildlife
8.27 impacts. This appropriation is available until
8.28 June 30, 2019, by which time the project must
8.29 be completed and final products delivered.

8.30 **(r) Aggregate Mapping**

8.31 \$1,500,000 the second year is from the
8.32 trust fund to the commissioner of natural
8.33 resources to map the extent and quality of
8.34 aggregate resources in counties that have not
8.35 previously been mapped. This appropriation
8.36 is available until June 30, 2019, by which

9.1 time the project must be completed and final
9.2 products delivered.

9.3 **(s) Pineland Sands Lands and Water Study**

9.4 \$1,500,000 the second year is from the trust
9.5 fund to the commissioner of natural resources
9.6 to study the impact of changes in land use
9.7 from forest land to irrigated agriculture in the
9.8 Pineland Sands aquifer along the Crow Wing
9.9 River. The commissioner must notify the
9.10 public about the study and hold an open house
9.11 in the study area to inform the community
9.12 on potential impacts to surface water and
9.13 groundwater in the area. This appropriation
9.14 is available until June 30, 2021, and is
9.15 not subject to Minnesota Statutes, sections
9.16 116P.05, subdivision 2, paragraph (b), and
9.17 116P.09, subdivision 4. The commissioner
9.18 must submit or present a status update on
9.19 the study to the chairs and ranking minority
9.20 members of the house of representatives
9.21 and senate committees and divisions with
9.22 jurisdiction over the environment and natural
9.23 resources by January 15, 2017.

9.24 **(t) Natural Resources Research Institute**

9.25 \$1,100,000 the second year is from the
9.26 trust fund to the Board of Regents of the
9.27 University of Minnesota for academic and
9.28 applied research through MnDRIVE at the
9.29 Natural Resources Research Institute for
9.30 projects that include, but are not limited to,
9.31 the creation of a portfolio of waterborne
9.32 sulfate reduction technologies and the
9.33 development of technologies for current
9.34 and emerging environmental and natural
9.35 resources opportunities. This appropriation

10.1 is available until June 30, 2018, and is
 10.2 not subject to Minnesota Statutes, section
 10.3 116P.05, subdivision 2.

10.4 Subd. 4. **Water Resources** -0- 7,799,000

10.5 **(a) Tracking and Preventing Harmful Algal**
 10.6 **Blooms**

10.7 \$500,000 the second year is from the trust
 10.8 fund to the Science Museum of Minnesota
 10.9 for the St. Croix Watershed Research Station
 10.10 to identify species composition and timing of
 10.11 harmful algal blooms, understand the causes
 10.12 of bloom development in individual lakes,
 10.13 and determine how nutrients and climate
 10.14 interact to increase harmful algae outbreaks.

10.15 This work must be done in cooperation
 10.16 with the University of Minnesota and the
 10.17 Minnesota Pollution Control Agency. This
 10.18 appropriation is available until June 30,
 10.19 2019, by which time the project must be
 10.20 completed and final products delivered.

10.21 **(b) Assessing the Increasing Harmful Algal**
 10.22 **Blooms in Minnesota Lakes**

10.23 \$270,000 the second year is from the trust
 10.24 fund to the Board of Regents of the University
 10.25 of Minnesota for the Saint Anthony Falls
 10.26 Laboratory to investigate lake processes
 10.27 and meteorological conditions triggering
 10.28 algal blooms and toxin production, develop
 10.29 models for tracking blooms, and provide
 10.30 outreach on the prediction, detection, and
 10.31 impacts of mitigation of algal bloom events.

10.32 This work must be done in cooperation with
 10.33 the St. Croix Watershed Research Station
 10.34 of the Science Museum of Minnesota and
 10.35 the Minnesota Pollution Control Agency.
 10.36 This appropriation is available until June

11.1 30, 2019, by which time the project must be
 11.2 completed and final products delivered.

11.3 **(c) Restoring Native Mussels in Streams and**
 11.4 **Lakes**

11.5 \$600,000 the second year is from the
 11.6 trust fund to the commissioner of natural
 11.7 resources in cooperation with the Minnesota
 11.8 Zoological Garden for a statewide mussel
 11.9 program to rear, restore, and re-establish
 11.10 native mussel species in streams and rivers.

11.11 This appropriation is available until June
 11.12 30, 2019, by which time the project must be
 11.13 completed and final products delivered.

11.14 **(d) Assessing Techniques for Eliminating**
 11.15 **Contaminants to Protect Native Fish and**
 11.16 **Mussels**

11.17 \$287,000 the second year is from the
 11.18 trust fund to the commissioner of natural
 11.19 resources for an agreement with the
 11.20 University of St. Thomas to evaluate the
 11.21 use of ultraviolet treatment of wastewater
 11.22 to remove certain commonly detected
 11.23 wastewater contaminants, in order to reduce
 11.24 the contaminants' toxicity to native fish and
 11.25 mussels. This appropriation is available until
 11.26 June 30, 2019, by which time the project must
 11.27 be completed and final products delivered.

11.28 **(e) Assessing Neonicotinoid Insecticide Effects**
 11.29 **on Aquatic and Soil Communities**

11.30 \$400,000 the second year is from the trust
 11.31 fund to the Board of Regents of the University
 11.32 of Minnesota to identify neonicotinoid
 11.33 insecticide breakdown components produced
 11.34 in water and plant leaves and assess their
 11.35 toxicity to soil and aquatic species and related
 11.36 biotic communities. This appropriation is

12.1 available until June 30, 2019, by which time
 12.2 the project must be completed and final
 12.3 products delivered.

12.4 **(f) Bacterial Assessment of Groundwater**
 12.5 **Supplies Used for Drinking Water**

12.6 \$299,000 the second year is from the
 12.7 trust fund to the Board of Regents of the
 12.8 University of Minnesota to characterize and
 12.9 analyze bacterial communities in Minnesota
 12.10 groundwater used as drinking water supplies
 12.11 and link the microbiological data to other
 12.12 water quality indicators for drinking water
 12.13 supply safety. This appropriation is available
 12.14 until June 30, 2019, by which time the
 12.15 project must be completed and final products
 12.16 delivered.

12.17 **(g) Understanding Bedrock Fracture Flow to**
 12.18 **Improve Groundwater Quality**

12.19 \$183,000 the second year is from the
 12.20 trust fund to the Board of Regents of the
 12.21 University of Minnesota for the Minnesota
 12.22 Geological Survey to use new techniques of
 12.23 borehole testing and rock fracture mapping in
 12.24 the Twin Cities metropolitan area to achieve
 12.25 a better understanding of groundwater
 12.26 flow through fractured bedrock, in order to
 12.27 improve groundwater management. This
 12.28 appropriation is available until June 30,
 12.29 2019, by which time the project must be
 12.30 completed and final products delivered.

12.31 **(h) Protection of State's Confined Drinking**
 12.32 **Water Aquifers - Phase II**

12.33 \$433,000 the second year is from the
 12.34 trust fund to the commissioner of natural
 12.35 resources for an agreement with the United
 12.36 States Geological Survey to continue to test

13.1 methods of defining properties of confined
 13.2 drinking water aquifers, in order to improve
 13.3 water management. This appropriation is
 13.4 not subject to Minnesota Statutes, section
 13.5 116P.10. This appropriation is available until
 13.6 June 30, 2019, by which time the project must
 13.7 be completed and final products delivered.

13.8 **(i) Assessment of Surface Water Quality with**
 13.9 **Satellite Sensors**

13.10 \$345,000 the second year is from the trust
 13.11 fund to the Board of Regents of the University
 13.12 of Minnesota for a statewide assessment of
 13.13 water quality using new satellite sensors
 13.14 for high frequency measurement of major
 13.15 water quality indicators in lakes and rivers.
 13.16 This appropriation is available until June
 13.17 30, 2019, by which time the project must be
 13.18 completed and final products delivered.

13.19 **(j) Development of Innovative Sensor**
 13.20 **Technologies for Water Monitoring**

13.21 \$509,000 the second year is from the
 13.22 trust fund to the Board of Regents of
 13.23 the University of Minnesota to develop
 13.24 inexpensive and efficient sensitive sensors
 13.25 and wireless sensor networks for continuous
 13.26 monitoring of contaminants in lakes and
 13.27 rivers in Minnesota. This appropriation
 13.28 is subject to Minnesota Statutes, section
 13.29 116P.10. This appropriation is available until
 13.30 June 30, 2019, by which time the project must
 13.31 be completed and final products delivered.

13.32 **(k) Wastewater Treatment Process**
 13.33 **Improvements**

13.34 \$398,000 the second year is from the trust
 13.35 fund to the Board of Regents of the University
 13.36 of Minnesota to characterize and quantify

14.1 the nutrient-removing microorganisms used
 14.2 for municipal wastewater treatment, in order
 14.3 to improve the process used to reduce total
 14.4 nitrogen discharge. This appropriation is
 14.5 available until June 30, 2019, by which time
 14.6 the project must be completed and final
 14.7 products delivered.

14.8 **(l) Membrane-Based Process for Decentralized**
 14.9 **Drinking Water Production**

14.10 \$191,000 the second year is from the trust
 14.11 fund to the Board of Regents of the University
 14.12 of Minnesota to develop a low-energy use,
 14.13 membrane-based treatment technology
 14.14 to produce drinking water locally from
 14.15 surface waters by removing heavy metals
 14.16 and contaminants of emerging concern,
 14.17 including pesticides and pharmaceuticals.
 14.18 This appropriation is subject to Minnesota
 14.19 Statutes, section 116P.10. This appropriation
 14.20 is available until June 30, 2019, by which
 14.21 time the project must be completed and final
 14.22 products delivered.

14.23 **(m) Analyzing Alternatives for Municipal**
 14.24 **Wastewater Treatment**

14.25 \$180,000 the second year is from the trust
 14.26 fund to the commissioner of the Minnesota
 14.27 Pollution Control Agency to analyze
 14.28 alternatives for improved treatment of
 14.29 sulfate and salty parameters at municipal
 14.30 wastewater plants to inform the development
 14.31 and implementation of wild rice, sulfate,
 14.32 and other water quality standards. This
 14.33 appropriation is available until June 30,
 14.34 2019, by which time the project must be
 14.35 completed and final products delivered.

15.1 **(n) Understanding Impacts of Salt Usage on**
 15.2 **Minnesota Lakes, Rivers, and Groundwater**

15.3 \$497,000 the second year is from the
 15.4 trust fund to the Board of Regents of
 15.5 the University of Minnesota to quantify
 15.6 the current water-softening salt loads in
 15.7 Minnesota lakes, rivers, and groundwater,
 15.8 assess alternative water-softening materials
 15.9 and methods, and quantify the transport of
 15.10 de-icing and water-softening salt through the
 15.11 soil. This appropriation is available until
 15.12 June 30, 2019, by which time the project must
 15.13 be completed and final products delivered.

15.14 **(o) Microbes for Salt and Metal Removal**

15.15 \$596,000 the second year is from the
 15.16 trust fund to the Board of Regents of the
 15.17 University of Minnesota to continue to
 15.18 research the potential of recently discovered
 15.19 microbes from Soudan Iron Mine in
 15.20 northern Minnesota for removing salts and
 15.21 metals from groundwater and surface water
 15.22 resources. This appropriation is subject to
 15.23 Minnesota Statutes, section 116P.10. This
 15.24 appropriation is available until June 30,
 15.25 2019, by which time the project must be
 15.26 completed and final products delivered.

15.27 **(p) Engineered Biofilter for Sulfate and Metal**
 15.28 **Removal from Mine Waters**

15.29 \$440,000 the second year is from the
 15.30 trust fund to the Board of Regents of
 15.31 the University of Minnesota to develop
 15.32 an efficient, low-cost, biomass-derived
 15.33 adsorbent material for use in bioactive filters
 15.34 able to remove sulfate and metals from
 15.35 mining-impacted waters. This appropriation

16.1 is subject to Minnesota Statutes, section
16.2 116P.10. This appropriation is available until
16.3 June 30, 2019, by which time the project must
16.4 be completed and final products delivered.

16.5 **(q) Developing Biosponge Technology for**
16.6 **Removal of Nitrates from Minnesota Waters**

16.7 \$198,000 the second year is from the
16.8 trust fund to the Board of Regents of the
16.9 University of Minnesota to adapt and test
16.10 an inexpensive biosponge technology for
16.11 its effectiveness at removing nitrates from
16.12 drinking water. This appropriation is subject
16.13 to Minnesota Statutes, section 116P.10. This
16.14 appropriation is available until June 30,
16.15 2019, by which time the project must be
16.16 completed and final products delivered.

16.17 **(r) Morrison County Performance Drainage**
16.18 **and Hydrology Management**

16.19 \$209,000 the second year is from the trust
16.20 fund to the commissioner of natural resources
16.21 for an agreement with the Morrison Soil
16.22 and Water Conservation District to conduct
16.23 an assessment of drainage infrastructure,
16.24 in order to develop hydrology restoration
16.25 priorities and a countywide performance
16.26 drainage ordinance to address land
16.27 use-change impacts to the hydrogeology.
16.28 This appropriation is available until June
16.29 30, 2019, by which time the project must be
16.30 completed and final products delivered.

16.31 **(s) Agricultural and Urban Runoff Water**
16.32 **Quality Treatment Analysis - Phase II**

16.33 \$110,000 the second year is from the
16.34 trust fund to the Board of Water and Soil
16.35 Resources for an agreement with the Blue
16.36 Earth County Drainage Authority to continue

17.1 monitoring a model demonstration for
 17.2 storage and treatment options in drainage
 17.3 systems designed to improve agricultural and
 17.4 urban water quality by reducing soil erosion,
 17.5 peak water flows, and nutrient loading. This
 17.6 appropriation is available until June 30,
 17.7 2021, by which time the project must be
 17.8 completed and final products delivered.

17.9 **(t) Surface Water Bacterial Treatment System**
 17.10 **Pilot Project**

17.11 \$500,000 the second year is from the trust
 17.12 fund to the commissioner of natural resources
 17.13 for an agreement with Vadnais Lake Area
 17.14 Water Management Organization to reduce
 17.15 bacteria and nutrient loads to Vadnais
 17.16 Lake, a drinking water supply reservoir,
 17.17 through implementation and evaluation
 17.18 of a subsurface constructed wetland as a
 17.19 best management practice for potential
 17.20 statewide use. The Vadnais Lake Area Water
 17.21 Management Organization must consider
 17.22 contracting with the University of Minnesota
 17.23 Department of Civil, Environmental,
 17.24 and Geo-Engineering to evaluate the
 17.25 effectiveness of the pilot treatment system
 17.26 so that it maximizes benefits and can be
 17.27 replicated elsewhere. This appropriation
 17.28 is available until June 30, 2021, by which
 17.29 time the project must be completed and final
 17.30 products delivered.

17.31 **(u) Assessing Effectiveness of Wetland**
 17.32 **Restorations for Improved Water Quality**

17.33 \$420,000 the second year is from the trust
 17.34 fund to the Board of Regents of the University
 17.35 of Minnesota to quantify the environmental
 17.36 benefits of sediment removal and native

18.1 plant communities in wetland restorations by
 18.2 measuring resulting reductions in nitrogen
 18.3 and phosphorus delivery to groundwater and
 18.4 surface water. This appropriation is available
 18.5 until June 30, 2019, by which time the
 18.6 project must be completed and final products
 18.7 delivered.

18.8 **(v) Integrated Targeted Watershed Planning**
 18.9 **Tools with Citizen Involvement**

18.10 \$169,000 the second year is from the
 18.11 trust fund to the Board of Trustees of the
 18.12 Minnesota State Colleges and Universities
 18.13 system for the Water Resources Center
 18.14 at Minnesota State University, Mankato,
 18.15 to use geographic information system
 18.16 (GIS) prioritization and modeling tools
 18.17 to develop pollution reduction strategies
 18.18 in five priority subwatersheds in the Le
 18.19 Sueur River watershed and to promote
 18.20 implementation of the reduction strategies
 18.21 through citizen involvement and outreach.

18.22 This appropriation is available until June
 18.23 30, 2019, by which time the project must be
 18.24 completed and final products delivered.

18.25 **(w) Roseau Lake Watershed Targeted Water**
 18.26 **Quality Improvement**

18.27 \$65,000 the second year is from the
 18.28 trust fund to the commissioner of natural
 18.29 resources to develop targeted water quality
 18.30 improvements for the Roseau Lake watershed
 18.31 by coordinating with partner agencies to
 18.32 identify the top priority field scale best
 18.33 management and conservation practices to
 18.34 implement in the region.

18.35 **Subd. 5. Environmental Education**

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2,812,000

19.1 **(a) Minnesota Conservation Apprentice**
 19.2 **Academy**

19.3 \$433,000 the second year is from the
 19.4 trust fund to the Board of Water and Soil
 19.5 Resources in cooperation with Conservation
 19.6 Corps Minnesota and Iowa for the final
 19.7 phase of a program to train and mentor future
 19.8 conservation professionals by providing
 19.9 apprenticeship service opportunities with
 19.10 local soil and water conservation districts in
 19.11 Minnesota. This appropriation is available
 19.12 until June 30, 2019, by which time the
 19.13 project must be completed and final products
 19.14 delivered.

19.15 **(b) School Forests Outdoor Classrooms**

19.16 \$440,000 the second year is from the trust
 19.17 fund to the commissioner of natural resources
 19.18 in cooperation with Conservation Corps
 19.19 Minnesota and Iowa to renovate and restore
 19.20 60 school forests and train students, teachers,
 19.21 school district facility staff, and community
 19.22 volunteers to be long-term stewards of the
 19.23 school forests and provide education and
 19.24 service learning experiences at school forest
 19.25 sites. This appropriation is available until
 19.26 June 30, 2019, by which time the project must
 19.27 be completed and final products delivered.

19.28 **(c) Youth-Led Sustainability Projects in 50**
 19.29 **Minnesota Communities - Phase III**

19.30 \$400,000 the second year is from the
 19.31 trust fund to the commissioner of natural
 19.32 resources for an agreement with Prairie
 19.33 Woods Environmental Learning Center to
 19.34 expand the Youth Energy Summit (YES!)
 19.35 program statewide to complete more than

20.1 200 new youth-led climate change mitigation
 20.2 and adaptation projects in over 50 Minnesota
 20.3 communities.

20.4 **(d) New Prairie Sportsman Statewide**
 20.5 **Broadcast Video Project**

20.6 \$300,000 the second year is from the
 20.7 trust fund to the commissioner of natural
 20.8 resources for an agreement with Pioneer
 20.9 Public Television to provide outreach on
 20.10 outdoor recreation, conservation, and natural
 20.11 resource issues, including water quality,
 20.12 wildlife habitat, and invasive species,
 20.13 through a series of interrelated public
 20.14 forums, educational and training videos, and
 20.15 statewide broadcast television programs.

20.16 This appropriation is available until June
 20.17 30, 2019, by which time the project must be
 20.18 completed and final products delivered.

20.19 **(e) Wildlife and Habitat Conservation**
 20.20 **Education for Southwest Minnesota High**
 20.21 **Schools**

20.22 \$147,000 the second year is from the trust
 20.23 fund to the Minnesota Zoological Garden
 20.24 to engage high school students in critical
 20.25 prairie wildlife and habitat conservation
 20.26 projects by using the zoo's unique animal
 20.27 collections and state-of-the-art technology to
 20.28 deliver hands-on learning in 12 southwestern
 20.29 Minnesota high schools.

20.30 **(f) Standards-Based Dakota Indian Land**
 20.31 **Stewardship Education**

20.32 \$197,000 the second year is from the trust
 20.33 fund to the commissioner of natural resources
 20.34 for an agreement with Dakota Wicohan
 20.35 to enhance the capacity of approximately
 20.36 1,250 students to be stewards of the land in

21.1 Minnesota by learning about Dakota Indian
 21.2 values and environmental principles through
 21.3 a standards-based experiential multimedia
 21.4 curriculum. This appropriation is available
 21.5 until June 30, 2019, by which time the
 21.6 project must be completed and final products
 21.7 delivered.

21.8 **(g) Wolf Management Education in the**
 21.9 **Classroom - Phase II**

21.10 \$240,000 the second year is from the trust
 21.11 fund to the commissioner of natural resources
 21.12 for an agreement with the International
 21.13 Wolf Center to expand the Wolves at Our
 21.14 Door classroom education program to
 21.15 assist students in understanding wolves and
 21.16 associated management issues.

21.17 **(h) Master Water Steward Program Expansion**

21.18 \$116,000 the second year is from the trust
 21.19 fund to the commissioner of natural resources
 21.20 for an agreement with the Freshwater Society
 21.21 to train community volunteers as master
 21.22 water stewards who will work with
 21.23 neighborhoods to install water management
 21.24 projects that preserve and restore water
 21.25 quality. This appropriation is available until
 21.26 June 30, 2019, by which time the project must
 21.27 be completed and final products delivered.

21.28 **(i) Promoting Water Quality Stewardship**
 21.29 **through Student Mentoring and River**
 21.30 **Monitoring**

21.31 \$39,000 the second year is from the trust
 21.32 fund to the commissioner of natural resources
 21.33 for an agreement with Southwest Minnesota
 21.34 State University to partner with area schools
 21.35 to deliver inquiry-based, hands-on learning
 21.36 and mentoring on water quality stewardship

22.1 between university agriculture students and
 22.2 high school and middle school students.

22.3 **(j) Wildlife Science Center**

22.4 \$500,000 the second year is from the trust
 22.5 fund to the commissioner of natural resources
 22.6 for an agreement with the Wildlife Science
 22.7 Center to provide environmental education
 22.8 programs using ambassador wild animals.

22.9 **Subd. 6. Aquatic and Terrestrial Invasive**
 22.10 **Species**

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5,860,000

22.11 **(a) Minnesota Invasive Terrestrial Plants and**
 22.12 **Pests Center - Phase III**

22.13 \$3,750,000 the second year is from the
 22.14 trust fund to the Board of Regents of the
 22.15 University of Minnesota for the Invasive
 22.16 Terrestrial Plants and Pests Center to conduct
 22.17 research to prevent, minimize, and mitigate
 22.18 the threats and impacts posed by terrestrial
 22.19 invasive plants, pathogens, and pests to
 22.20 the state's prairies, forests, wetlands, and
 22.21 agricultural resources. This appropriation
 22.22 is available until June 30, 2023, by which
 22.23 time the project must be completed and final
 22.24 products delivered.

22.25 **(b) Developing Membrane Filtration System to**
 22.26 **Treat Lake Superior Ballast Water**

22.27 \$151,000 the second year is from the trust
 22.28 fund to the Board of Regents of the University
 22.29 of Minnesota to develop a filtration system
 22.30 utilizing bioactive membrane technologies
 22.31 for use in treating Lake Superior ballast
 22.32 water to remove at least 90 percent of
 22.33 suspended pathogens, invasive species, and
 22.34 contaminants. This appropriation is subject
 22.35 to Minnesota Statutes, section 116P.10. This

23.1 appropriation is available until June 30,
 23.2 2019, by which time the project must be
 23.3 completed and final products delivered.

23.4 **(c) Advancing Microbial Invasive Species**
 23.5 **Monitoring from Ballast Discharge**

23.6 \$368,000 the second year is from the
 23.7 trust fund to the Board of Regents of
 23.8 the University of Minnesota to identify
 23.9 bacteria in ship ballast water and St. Louis
 23.10 River estuary sediments, assess the risks
 23.11 posed by invasive bacteria, and evaluate
 23.12 treatment techniques for effectiveness at
 23.13 removing the bacteria from ballast water.

23.14 This appropriation is available until June
 23.15 30, 2019, by which time the project must be
 23.16 completed and final products delivered.

23.17 **(d) Biological Control of White Nose Syndrome**
 23.18 **in Bats - Phase II**

23.19 \$452,000 the second year is from the
 23.20 trust fund to the Board of Regents of the
 23.21 University of Minnesota to continue research
 23.22 to identify, develop, and optimize biocontrol
 23.23 agents for white nose syndrome in bats by
 23.24 evaluating the biocontrol effectiveness of
 23.25 microbes collected at additional hibernacula
 23.26 throughout the state and conducting baseline
 23.27 characterization of the total bat microbiomes.

23.28 This appropriation is available until June
 23.29 30, 2019, by which time the project must be
 23.30 completed and final products delivered.

23.31 **(e) Elimination of Target Invasive Plant Species**
 23.32 **- Phase II**

23.33 \$750,000 the second year is from the trust
 23.34 fund. Of this amount, \$511,000 is to the
 23.35 commissioner of agriculture and \$239,000
 23.36 is to the Board of Regents of the University

24.1 of Minnesota to train volunteers and
 24.2 professionals to find, control, and monitor
 24.3 targeted newly emergent invasive plant
 24.4 species. This appropriation is available until
 24.5 June 30, 2019, by which time the project must
 24.6 be completed and final products delivered.

24.7 **(f) Dutch Elm Disease Resistance - Phase II**

24.8 \$200,000 the second year is from the trust
 24.9 fund to the Board of Regents of the University
 24.10 of Minnesota to continue to identify and
 24.11 evaluate native Minnesota elms that are
 24.12 resistant to Dutch elm disease and begin
 24.13 propagating disease-resistant specimens
 24.14 for field trial testing. This appropriation
 24.15 is available until June 30, 2019, by which
 24.16 time the project must be completed and final
 24.17 products delivered.

24.18 **(g) Invasive Carp Management Research in**
 24.19 **Lake Nokomis Subwatershed**

24.20 \$189,000 the second year is from the
 24.21 trust fund to the commissioner of natural
 24.22 resources for an agreement with the
 24.23 Minneapolis Park and Recreation Board to
 24.24 apply current invasive carp management
 24.25 research to the entire Lake Nokomis
 24.26 subwatershed and provide demonstration
 24.27 guidance for large-scale carp management.
 24.28 This appropriation is available until June
 24.29 30, 2020, by which time the project must be
 24.30 completed and final products delivered.

24.31 **Subd. 7. Air Quality, Climate Change, and**
 24.32 **Renewable Energy**

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2,090,000

24.33 **(a) Community Solar Garden Installation**

24.34 \$490,000 the second year is from the trust
 24.35 fund to the commissioner of natural resources

25.1 for an agreement with Rural Renewable
25.2 Energy Alliance to install a 200-kilowatt
25.3 community solar garden to provide for
25.4 electrical distribution in Cass, Beltrami,
25.5 Hubbard, and Itasca Counties, to assist
25.6 households in the Minnesota low-income
25.7 housing energy assistance program in
25.8 meeting electrical energy needs and serve as
25.9 a model for low-income energy assistance
25.10 elsewhere in the state. This appropriation is
25.11 not subject to Minnesota Statutes, section
25.12 116P.10.

25.13 **(b) Waste Heat Recovery with Efficient**
25.14 **Thermoelectric Energy Generators**

25.15 \$400,000 the second year is from the
25.16 trust fund to the Board of Regents of
25.17 the University of Minnesota to develop
25.18 thermoelectric energy generators using
25.19 advanced, high-performance materials able
25.20 to more efficiently capture waste heat and
25.21 transform the heat into electricity. This
25.22 appropriation is subject to Minnesota
25.23 Statutes, section 116P.10. This appropriation
25.24 is available until June 30, 2019, by which
25.25 time the project must be completed and final
25.26 products delivered.

25.27 **(c) Hydrogen Fuel from Wind-Produced**
25.28 **Renewable Ammonia**

25.29 \$250,000 the second year is from the trust
25.30 fund to the Board of Regents of the University
25.31 of Minnesota to develop a technical solution
25.32 for converting wind-produced ammonia to
25.33 hydrogen through catalytic decomposition,
25.34 for use in reducing emissions from diesel
25.35 engines and powering fuel cell vehicles.
25.36 This appropriation is subject to Minnesota

26.1 Statutes, section 116P.10. This appropriation
 26.2 is available until June 30, 2019, by which
 26.3 time the project must be completed and final
 26.4 products delivered.

26.5 **(d) Utilization of Dairy Farm Wastewater for**
 26.6 **Sustainable Production**

26.7 \$475,000 the second year is from the trust
 26.8 fund to the Board of Regents of the University
 26.9 of Minnesota for the West Central Research
 26.10 and Outreach Center in Morris to develop and
 26.11 evaluate an integrated system that recycles
 26.12 and uses nutrients in dairy wastewater
 26.13 from feedlots and milk processing, thereby
 26.14 reducing nutrients from agricultural runoff,
 26.15 and to provide outreach on adoption of new
 26.16 technologies. This appropriation is subject
 26.17 to Minnesota Statutes, section 116P.10. This
 26.18 appropriation is available until June 30,
 26.19 2019, by which time the project must be
 26.20 completed and final products delivered.

26.21 **(e) Solar Energy Utilization for Minnesota**
 26.22 **Swine Farms - Phase II**

26.23 \$475,000 the second year is from the trust
 26.24 fund to the Board of Regents of the University
 26.25 of Minnesota for the West Central Research
 26.26 and Outreach Center in Morris to continue to
 26.27 develop and evaluate the utilization of solar
 26.28 photovoltaic systems at swine facilities to
 26.29 improve energy and economic performance,
 26.30 reduce fossil fuel usage and emissions, and
 26.31 optimize water usage. This appropriation
 26.32 is available until June 30, 2019, by which
 26.33 time the project must be completed and final
 26.34 products delivered.

26.35 **Subd. 8. Methods to Protect, Restore, and**
 26.36 **Enhance Land, Water, and Habitat**

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6,715,000

27.1 **(a) Bee Pollinator Habitat Enhancement -**
 27.2 **Phase II**

27.3 \$387,000 the second year is from the trust
 27.4 fund to the Board of Regents of the University
 27.5 of Minnesota to continue assessment of the
 27.6 potential to supplement traditional turf grass
 27.7 by providing critical floral plant resources
 27.8 to enhance bee pollinator habitat. Plant
 27.9 materials and seeds must follow the Board of
 27.10 Water and Soil Resources' native vegetation
 27.11 establishment and enhancement guidelines.
 27.12 This appropriation is available until June
 27.13 30, 2019, by which time the project must be
 27.14 completed and final products delivered.

27.15 **(b) Measuring Pollen and Seed Dispersal for**
 27.16 **Prairie Fragment Connectivity**

27.17 \$556,000 the second year is from the
 27.18 trust fund to the Board of Regents of the
 27.19 University of Minnesota to determine
 27.20 habitat connectivity between prairie
 27.21 fragments by measuring plant movement
 27.22 by dispersal of pollen and seeds to improve
 27.23 prairie restoration implementation. This
 27.24 appropriation is available until June 30,
 27.25 2019, by which time the project must be
 27.26 completed and final products delivered.

27.27 **(c) Establishment of Permanent Habitat Strips**
 27.28 **Within Row Crops**

27.29 \$179,000 the second year is from the trust
 27.30 fund to the Science Museum of Minnesota
 27.31 for the St. Croix Watershed Research Station
 27.32 to research the viability of establishing
 27.33 prairie forbs and alfalfa as permanent cover
 27.34 strips in the bare soil between selected rows
 27.35 of corn and soybeans as potential pollinator,
 27.36 monarch, and gamebird habitat. Monitoring

28.1 of the native plant strips must evaluate the
 28.2 effects of pesticides from adjacent crops on
 28.3 pollinators, including determining whether
 28.4 there is a reduction of pollinators that results
 28.5 in reduced setting of seeds on the native
 28.6 plants. This appropriation is available until
 28.7 June 30, 2019, by which time the project must
 28.8 be completed and final products delivered.

28.9 **(d) Evaluate Prescribed Burning Techniques to**
 28.10 **Improve Habitat Management for Brushland**
 28.11 **Species**

28.12 \$267,000 the second year is from the trust
 28.13 fund to the Board of Regents of the University
 28.14 of Minnesota to compare the effects on
 28.15 brushland habitat of conducting prescribed
 28.16 burning in spring, summer, and fall to
 28.17 provide improved management guidelines
 28.18 for wildlife habitat. This appropriation is
 28.19 available until June 30, 2020, by which time
 28.20 the project must be completed and final
 28.21 products delivered.

28.22 **(e) Controlling Reed Canary Grass to**
 28.23 **Regenerate Floodplain Forest**

28.24 \$218,000 the second year is from the trust
 28.25 fund to the commissioner of natural resources
 28.26 for an agreement with the Minnesota state
 28.27 office of the National Audubon Society to
 28.28 determine the most effective regeneration
 28.29 methods for restoration of floodplain forests
 28.30 in southeast Minnesota impacted by invasive
 28.31 reed canary grass. This appropriation is
 28.32 available until June 30, 2019, by which time
 28.33 the project must be completed and final
 28.34 products delivered.

28.35 **(f) Forest Management for Mississippi River**
 28.36 **Drinking Water Protection**

29.1 \$300,000 the second year is from the trust
29.2 fund to the commissioner of natural resources
29.3 for an agreement with the Crow Wing Soil
29.4 and Water Conservation District to pilot a
29.5 water protection approach for the watershed
29.6 through development of forest stewardship
29.7 plans and targeted riparian forest restoration
29.8 projects. Any expenditures from this
29.9 appropriation spent on forest management
29.10 plans or restoration must be for lands with
29.11 a long-term contract commitment for forest
29.12 conservation, and the restoration must follow
29.13 the Board of Water and Soil Resources' native
29.14 vegetation establishment and enhancement
29.15 guidelines. This appropriation is available
29.16 until June 30, 2019, by which time the
29.17 project must be completed and final products
29.18 delivered.

29.19 **(g) Upland, Wetland, and Shoreline Restoration**
29.20 **in Greater Metropolitan Area**

29.21 \$509,000 the second year is from the
29.22 trust fund to the commissioner of natural
29.23 resources for an agreement with Great River
29.24 Greening to restore approximately 150 acres
29.25 of forest, prairie, woodland, and wetland
29.26 and 0.15 miles of shoreline throughout
29.27 the greater Twin Cities metropolitan area,
29.28 using volunteers, and to conduct restoration
29.29 evaluation on previously restored parcels. A
29.30 list of proposed restorations and evaluations
29.31 must be provided as part of the required work
29.32 plan. Plant and seed materials must follow
29.33 the Board of Water and Soil Resources' native
29.34 vegetation establishment and enhancement
29.35 guidelines. This appropriation is available
29.36 until June 30, 2019, by which time the

30.1 project must be completed and final products
 30.2 delivered.

30.3 **(h) Bluffland Restoration and Monitoring in**
 30.4 **Winona**

30.5 \$99,000 the second year is from the trust fund
 30.6 to the Board of Trustees of the Minnesota
 30.7 State Colleges and Universities system
 30.8 for Winona State University to inventory,
 30.9 restore, and monitor the 40-acre Garvin
 30.10 Heights Natural Area in Winona and provide
 30.11 related public outreach and education. Plant
 30.12 and seed materials must follow the Board of
 30.13 Water and Soil Resources' native vegetation
 30.14 establishment and enhancement guidelines.
 30.15 This appropriation is available until June
 30.16 30, 2019, by which time the project must be
 30.17 completed and final products delivered.

30.18 **(i) Champlin Mill Pond Shoreland Restoration**

30.19 \$2,000,000 the second year is from the
 30.20 trust fund to the commissioner of natural
 30.21 resources for an agreement with the city
 30.22 of Champlin to restore the Champlin Mill
 30.23 Pond shoreline and adjacent habitat. Plant
 30.24 and seed materials must follow the Board of
 30.25 Water and Soil Resources' native vegetation
 30.26 establishment and enhancement guidelines.
 30.27 This appropriation is available until June
 30.28 30, 2019, by which time the project must be
 30.29 completed and final products delivered.

30.30 **(j) Pollinator Highway Demonstration Projects**

30.31 \$2,200,000 the second year is from the trust
 30.32 fund to the commissioner of transportation
 30.33 to restore and enhance wildlife habitat along
 30.34 trunk highways, including: marked Interstate
 30.35 Highway 35, one north and one south of

31.1 the metropolitan area; marked Interstate
 31.2 Highway 90; and two locations along marked
 31.3 Interstate Highway 94. Of this amount,
 31.4 up to \$25,000 may be used to monitor
 31.5 and study the effects of different levels of
 31.6 native plant diversity on roadside pollinators
 31.7 and the timing of mowing on pollinator
 31.8 abundance and diversity. The commissioner
 31.9 must submit a report to the chairs and
 31.10 ranking minority members of the house of
 31.11 representatives and senate committees and
 31.12 divisions with jurisdiction over transportation
 31.13 and environment and natural resources by
 31.14 January 15, 2017, and submit or present
 31.15 to the chairs a follow-up status report by
 31.16 January 15, 2020. This appropriation is
 31.17 available until June 30, 2022, and must
 31.18 include a five-year restoration process. This
 31.19 appropriation is not subject to Minnesota
 31.20 Statutes, sections 116P.05, subdivision 2,
 31.21 paragraph (b), and 116P.09, subdivision 4.

31.22 **Subd. 9. Land Acquisition, Habitat, and**
 31.23 **Recreation**

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8,793,000

31.24 **(a) Scientific and Natural Area Restoration**

31.25 \$1,386,000 the second year is from the trust
 31.26 fund to the commissioner of natural resources
 31.27 to restore and improve approximately 750
 31.28 acres of scientific and natural areas. A list
 31.29 of proposed restorations must be provided
 31.30 as part of the required work plan. This
 31.31 appropriation is available until June 30,
 31.32 2019, by which time the project must be
 31.33 completed and final products delivered.

31.34 **(b) Minnesota Point Pine Forest Scientific and**
 31.35 **Natural Area Acquisition**

32.1 \$500,000 the second year is from the
 32.2 trust fund to the commissioner of natural
 32.3 resources in cooperation with the Duluth
 32.4 Airport Authority to acquire approximately
 32.5 ten acres as an addition to the designated
 32.6 Minnesota Point Pine Forest Scientific and
 32.7 Natural Area located along the shores of
 32.8 Lake Superior in Duluth.

32.9 **(c) Conservation Easements in Avon Hills -**
 32.10 **Phase III**

32.11 \$1,300,000 the second year is from the
 32.12 trust fund to the commissioner of natural
 32.13 resources for an agreement with Saint John's
 32.14 University in cooperation with Minnesota
 32.15 Land Trust to secure permanent conservation
 32.16 easements on approximately 500 acres
 32.17 of high-quality habitat in Stearns County,
 32.18 prepare conservation management plans, and
 32.19 provide public outreach. A list of proposed
 32.20 easement acquisitions must be provided as
 32.21 part of the required work plan. An entity
 32.22 that acquires a conservation easement with
 32.23 appropriations from the trust fund must have
 32.24 a long-term stewardship plan for the easement
 32.25 and a fund established for monitoring and
 32.26 enforcing the agreement. Funding for the
 32.27 long-term monitoring and enforcement
 32.28 fund must come from nonstate sources for
 32.29 easements acquired with this appropriation.
 32.30 The state may enforce requirements in the
 32.31 conservation easements on land acquired
 32.32 with this appropriation and the conservation
 32.33 easement document must state this authority
 32.34 and explicitly include requirements for
 32.35 water quality and quantity protection. This
 32.36 appropriation is available until June 30,

33.1 2019, by which time the project must be
33.2 completed and final products delivered.

33.3 **(d) Lincoln Pipestone Rural Water System**
33.4 **Acquisition for Wellhead Protection**

33.5 \$1,500,000 the second year is from the
33.6 trust fund to the commissioner of natural
33.7 resources for an agreement with Lincoln
33.8 Pipestone Rural Water to acquire and
33.9 restore lands designated under an approved
33.10 wellhead protection plan. Lands acquired
33.11 with this appropriation must be from willing
33.12 sellers and be identified by the Department
33.13 of Health as targeted vulnerable lands for
33.14 wellhead protection. Lands must be restored
33.15 to permanent vegetative cover, but may be
33.16 used for recreation and renewable energy if
33.17 adequate protection of the drinking water
33.18 aquifer is provided. A list of proposed
33.19 acquisitions must be provided as part of the
33.20 required work plan. Plant and seed materials
33.21 must follow the Board of Water and Soil
33.22 Resources' native vegetation establishment
33.23 and enhancement guidelines. Income
33.24 derived from the lands acquired with funds
33.25 appropriated under this paragraph is exempt
33.26 from Minnesota Statutes, section 116P.10,
33.27 if used for additional wellhead protection as
33.28 provided under this paragraph until adequate
33.29 wellhead protection has been achieved,
33.30 as determined by the commissioner of
33.31 health. Any income earned after that must
33.32 be returned to the environment and natural
33.33 resources trust fund. This appropriation
33.34 is available until June 30, 2019, by which
33.35 time the project must be completed and final
33.36 products delivered.

34.1 **(e) Mesabi Trail Segment from Highway 135**
34.2 **to Town of Embarrass**

34.3 \$1,200,000 the second year is from the trust
34.4 fund to the commissioner of natural resources
34.5 for an agreement with the St. Louis and Lake
34.6 Counties Regional Railroad Authority for
34.7 engineering and construction of segments of
34.8 the Mesabi Trail, totaling approximately six
34.9 miles between Highway 135 and the town of
34.10 Embarrass. This appropriation is available
34.11 until June 30, 2019, by which time the
34.12 project must be completed and final products
34.13 delivered.

34.14 **(f) Tower Historic Harbor Trail Connections**

34.15 \$679,000 the second year is from the trust
34.16 fund to the commissioner of natural resources
34.17 for an agreement with the city of Tower to
34.18 construct recreational trails along the harbor
34.19 in Tower and to connect to the Mesabi Trail.
34.20 This appropriation is available until June
34.21 30, 2019, by which time the project must be
34.22 completed and final products delivered.

34.23 **(g) Otter Tail River Recreational Trail**
34.24 **Acquisition**

34.25 \$600,000 the second year is from the trust
34.26 fund to the commissioner of natural resources
34.27 for an agreement with the city of Fergus
34.28 Falls to acquire approximately 16 acres along
34.29 the Otter Tail River for a recreational trail
34.30 and park. This appropriation is contingent
34.31 on at least a \$400,000 match of nonstate
34.32 money. Prior to the acquisition, a phase 1
34.33 environmental assessment must be completed
34.34 and the city must not accept any liability for

35.1 previous contamination of lands acquired
35.2 with this appropriation.

35.3 **(h) State Park and Trail Enhancement**

35.4 \$1,228,000 the second year is from the trust
35.5 fund to the commissioner of natural resources
35.6 for enhancement of state parks and trails as
35.7 follows: \$614,000 is for enhancement of
35.8 state parks and \$614,000 is for enhancement
35.9 of state trails. This appropriation is not
35.10 subject to Minnesota Statutes, sections
35.11 116P.05, subdivision 2, paragraph (b), and
35.12 116P.09, subdivision 4.

35.13 **(i) Douglas County Regional Park**

35.14 \$400,000 the second year is from the trust
35.15 fund to the commissioner of natural resources
35.16 for an agreement with Douglas County for
35.17 park and trail planning, development, or
35.18 acquisition for a regional park. The grant
35.19 must be matched by other state or nonstate
35.20 sources. This appropriation is available until
35.21 June 30, 2019, by which time the project must
35.22 be completed and final products delivered.

35.23 **Subd. 10. Administration** -0- 210,000

35.24 **(a) Contract Agreement Reimbursement**

35.25 \$135,000 the second year is from
35.26 the trust fund to the commissioner of
35.27 natural resources, at the direction of
35.28 the Legislative-Citizen Commission on
35.29 Minnesota Resources, for expenses incurred
35.30 for contract agreement reimbursement for
35.31 the agreements specified in this section. The
35.32 commissioner shall provide documentation
35.33 to the Legislative-Citizen Commission on

36.1 Minnesota Resources on the expenditure of
36.2 these funds.

36.3 **(b) Grants Management System**

36.4 \$75,000 the second year is from the trust
36.5 fund to the Legislative-Citizen Commission
36.6 on Minnesota Resources for upgrading and
36.7 modernizing a project records management
36.8 system.

36.9 **Subd. 11. Availability of Appropriations**

36.10 Money appropriated in this section may
36.11 not be spent on activities unless they are
36.12 directly related to and necessary for a specific
36.13 appropriation and are specified in the work
36.14 plan approved by the Legislative-Citizen
36.15 Commission on Minnesota Resources.

36.16 Money appropriated in this section must
36.17 not be spent on indirect costs or other
36.18 institutional overhead charges that are
36.19 not directly related to and necessary for a
36.20 specific appropriation. Costs that are directly
36.21 related to and necessary for an appropriation,
36.22 including financial services, human
36.23 resources, information services, rent, and
36.24 utilities, are eligible only if the costs can be
36.25 clearly justified and individually documented
36.26 specific to the appropriation's purpose and
36.27 would not be generated by the recipient
36.28 but for the receipt of the appropriation. No
36.29 broad allocations for costs in either dollars or
36.30 percentages are allowed. Unless otherwise
36.31 provided, the amounts in this section are
36.32 available until June 30, 2018, when projects
36.33 must be completed and final products
36.34 delivered. For acquisition of real property,
36.35 the appropriations in this section are available

37.1 for an additional fiscal year if a binding
37.2 contract for acquisition of the real property is
37.3 entered into before the expiration date of the
37.4 appropriation. If a project receives a federal
37.5 grant, the time period of the appropriation is
37.6 extended to equal the federal grant period.

37.7 **Subd. 12. Data Availability Requirements**

37.8 Data collected by the projects funded under
37.9 this section must conform to guidelines
37.10 and standards adopted by MN.IT Services.
37.11 Spatial data also must conform to additional
37.12 guidelines and standards designed to support
37.13 data coordination and distribution that have
37.14 been published by the Minnesota Geospatial
37.15 Information Office. Descriptions of spatial
37.16 data must be prepared as specified in
37.17 the state's geographic metadata guideline
37.18 and must be submitted to the Minnesota
37.19 Geospatial Information Office. All data must
37.20 be accessible and free to the public unless
37.21 made private under the Data Practices Act,
37.22 Minnesota Statutes, chapter 13. To the extent
37.23 practicable, summary data and results of
37.24 projects funded under this section should
37.25 be readily accessible on the Internet and
37.26 identified as having received funding from
37.27 the environment and natural resources trust
37.28 fund.

37.29 **Subd. 13. Project Requirements**

37.30 (a) As a condition of accepting an
37.31 appropriation under this section, an agency
37.32 or entity receiving an appropriation or a
37.33 party to an agreement from an appropriation
37.34 must comply with paragraphs (b) to (l)
37.35 and Minnesota Statutes, chapter 116P, and

38.1 must submit a work plan and semiannual
38.2 progress reports in the form determined
38.3 by the Legislative-Citizen Commission on
38.4 Minnesota Resources for any project funded
38.5 in whole or in part with funds from the
38.6 appropriation. Modifications to the approved
38.7 work plan and budget expenditures must
38.8 be made through the amendment process
38.9 established by the Legislative-Citizen
38.10 Commission on Minnesota Resources.

38.11 (b) A recipient of money appropriated in
38.12 this section that conducts a restoration using
38.13 funds appropriated in this section must use
38.14 native plant species according to the Board of
38.15 Water and Soil Resources' native vegetation
38.16 establishment and enhancement guidelines
38.17 and include an appropriate diversity of
38.18 native species selected to provide habitat for
38.19 pollinators throughout the growing season as
38.20 required under Minnesota Statutes, section
38.21 84.973.

38.22 (c) For all restorations conducted with money
38.23 appropriated under this section, a recipient
38.24 must prepare an ecological restoration
38.25 and management plan that, to the degree
38.26 practicable, is consistent with the highest
38.27 quality conservation and ecological goals for
38.28 the restoration site. Consideration should
38.29 be given to soil, geology, topography, and
38.30 other relevant factors that would provide
38.31 the best chance for long-term success and
38.32 durability of the restoration project. The
38.33 plan must include the proposed timetable
38.34 for implementing the restoration, including
38.35 site preparation, establishment of diverse
38.36 plant species, maintenance, and additional

39.1 enhancement to establish the restoration;
39.2 identify long-term maintenance and
39.3 management needs of the restoration and
39.4 how the maintenance, management, and
39.5 enhancement will be financed; and take
39.6 advantage of the best available science and
39.7 include innovative techniques to achieve the
39.8 best restoration.

39.9 (d) An entity receiving an appropriation in
39.10 this section for restoration activities must
39.11 provide an initial restoration evaluation
39.12 at the completion of the appropriation
39.13 and an evaluation three years beyond the
39.14 completion of the expenditure. Restorations
39.15 must be evaluated relative to the stated
39.16 goals and standards in the restoration plan,
39.17 current science, and, when applicable, the
39.18 Board of Water and Soil Resources' native
39.19 vegetation establishment and enhancement
39.20 guidelines. The evaluation must determine
39.21 whether the restorations are meeting planned
39.22 goals, identify any problems with the
39.23 implementation of the restorations, and,
39.24 if necessary, give recommendations on
39.25 improving restorations. The evaluation must
39.26 be focused on improving future restorations.

39.27 (e) All restoration and enhancement projects
39.28 funded with money appropriated in this
39.29 section must be on land permanently
39.30 protected by a conservation easement or
39.31 public ownership.

39.32 (f) A recipient of money from an
39.33 appropriation under this section must
39.34 give consideration to contracting with

40.1 Conservation Corps Minnesota for contract
40.2 restoration and enhancement services.

40.3 (g) All conservation easements acquired with
40.4 money appropriated under this section must:

40.5 (1) be permanent;

40.6 (2) specify the parties to an easement in the
40.7 easement;

40.8 (3) specify all of the provisions of an
40.9 agreement that are permanent;

40.10 (4) be sent to the Legislative-Citizen
40.11 Commission on Minnesota Resources in an
40.12 electronic format at least ten business days
40.13 prior to closing;

40.14 (5) include a long-term monitoring and
40.15 enforcement plan and funding for monitoring
40.16 and enforcing the easement agreement; and

40.17 (6) include requirements in the easement
40.18 document to address specific groundwater
40.19 and surface water quality protection activities
40.20 such as keeping water on the landscape,
40.21 reducing nutrient and contaminant loading,
40.22 protecting groundwater, and not permitting
40.23 artificial hydrological modifications.

40.24 (h) For any acquisition of lands or interest
40.25 in lands, a recipient of money appropriated
40.26 under this section must not agree to pay
40.27 more than 100 percent of the appraised value
40.28 for a parcel of land using this money to
40.29 complete the purchase, in part or in whole,
40.30 except that up to ten percent above the
40.31 appraised value may be allowed to complete
40.32 the purchase, in part or in whole, using this
40.33 money if permission is received in advance

41.1 of the purchase from the Legislative-Citizen
41.2 Commission on Minnesota Resources.

41.3 (i) For any acquisition of land or interest in
41.4 land, a recipient of money appropriated under
41.5 this section must give priority to high-quality
41.6 natural resources or conservation lands that
41.7 provide natural buffers to water resources.

41.8 (j) For new lands acquired with money
41.9 appropriated under this section, a recipient
41.10 must prepare an ecological restoration
41.11 and management plan in compliance with
41.12 paragraph (c), including sufficient funding
41.13 for implementation unless the work plan
41.14 addresses why a portion of the money is
41.15 not necessary to achieve a high-quality
41.16 restoration.

41.17 (k) To ensure public accountability for
41.18 the use of public funds, within 60 days
41.19 of the transaction, a recipient of money
41.20 appropriated under this section must provide
41.21 to the Legislative-Citizen Commission on
41.22 Minnesota Resources documentation of the
41.23 selection process used to identify parcels
41.24 acquired and provide documentation of all
41.25 related transaction costs, including but not
41.26 limited to appraisals, legal fees, recording
41.27 fees, commissions, other similar costs,
41.28 and donations. This information must be
41.29 provided for all parties involved in the
41.30 transaction. The recipient must also report
41.31 to the Legislative-Citizen Commission on
41.32 Minnesota Resources any difference between
41.33 the acquisition amount paid to the seller and
41.34 the state-certified or state-reviewed appraisal,

42.1 if a state-certified or state-reviewed appraisal
42.2 was conducted.

42.3 (l) A recipient of an appropriation from
42.4 the trust fund under this section must
42.5 acknowledge financial support from
42.6 the Minnesota environment and natural
42.7 resources trust fund in project publications,
42.8 signage, and other public communications
42.9 and outreach related to work completed
42.10 using the appropriation. Acknowledgment
42.11 may occur, as appropriate, through use of
42.12 the trust fund logo or inclusion of language
42.13 attributing support from the trust fund. Each
42.14 direct recipient of money appropriated in
42.15 this section, as well as each recipient of a
42.16 grant awarded pursuant to this section, must
42.17 satisfy all reporting and other requirements
42.18 incumbent upon constitutionally dedicated
42.19 funding recipients as provided in Minnesota
42.20 Statutes, section 3.303, subdivision 10, and
42.21 chapter 116P.

42.22 **Subd. 14. Payment Conditions and Capital**
42.23 **Equipment Expenditures**

42.24 (a) All agreements, grants, or contracts
42.25 referred to in this section must be
42.26 administered on a reimbursement basis
42.27 unless otherwise provided in this section.
42.28 Notwithstanding Minnesota Statutes, section
42.29 16A.41, expenditures made on or after
42.30 July 1, 2016, or the date the work plan is
42.31 approved, whichever is later, are eligible for
42.32 reimbursement unless otherwise provided
42.33 in this section. Periodic payment must be
42.34 made upon receiving documentation that
42.35 the deliverable items articulated in the
42.36 approved work plan have been achieved,

43.1 including partial achievements as evidenced
43.2 by approved progress reports. Reasonable
43.3 amounts may be advanced to projects to
43.4 accommodate cash flow needs or match
43.5 federal money. The advances must be
43.6 approved as part of the work plan. No
43.7 expenditures for capital equipment are
43.8 allowed unless expressly authorized in the
43.9 project work plan.

43.10 (b) Single-source contracts as specified in the
43.11 approved work plan are allowed.

43.12 Subd. 15. **Purchase of Recycled and Recyclable**
43.13 **Materials**

43.14 A political subdivision, public or private
43.15 corporation, or other entity that receives an
43.16 appropriation under this section must use the
43.17 appropriation in compliance with Minnesota
43.18 Statutes, section 16C.0725, regarding
43.19 purchase of recycled, repairable, and durable
43.20 materials; and Minnesota Statutes, section
43.21 16C.073, regarding purchase and use of
43.22 paper stock and printing.

43.23 Subd. 16. **Energy Conservation and**
43.24 **Sustainable Building Guidelines**

43.25 A recipient to whom an appropriation is made
43.26 under this section for a capital improvement
43.27 project must ensure that the project complies
43.28 with the applicable energy conservation and
43.29 sustainable building guidelines and standards
43.30 contained in law, including Minnesota
43.31 Statutes, sections 16B.325, 216C.19, and
43.32 216C.20, and rules adopted under those
43.33 sections. The recipient may use the energy
43.34 planning, advocacy, and State Energy Office
43.35 units of the Department of Commerce to
43.36 obtain information and technical assistance

44.1 on energy conservation and alternative
44.2 energy development relating to the planning
44.3 and construction of the capital improvement
44.4 project.

44.5 Subd. 17. **Accessibility**

44.6 Structural and nonstructural facilities must
44.7 meet the design standards in the Americans
44.8 with Disabilities Act (ADA) accessibility
44.9 guidelines.

44.10 Subd. 18. **Carryforward**

44.11 (a) The availability of the appropriations for
44.12 the following projects are extended to June
44.13 30, 2017:

44.14 (1) Laws 2013, chapter 52, section 2,
44.15 subdivision 3, paragraph (c), County
44.16 Geologic Atlases - Part B;

44.17 (2) Laws 2013, chapter 52, section 2,
44.18 subdivision 4, paragraph (d), Metropolitan
44.19 Conservation Corridors (MeCC) - Phase
44.20 VII, \$400,000 for the agreement with the
44.21 Minnesota Valley National Wildlife Refuge
44.22 Trust, Inc. only;

44.23 (3) Laws 2013, chapter 52, section 2,
44.24 subdivision 4, paragraph (i), Conservation
44.25 Grazing to Improve Wildlife Habitat on
44.26 Wildlife Management Areas;

44.27 (4) Laws 2013, chapter 52, section 2,
44.28 subdivision 5, paragraph (b), Assessment of
44.29 Natural Copper-Nickel Bedrocks on Water
44.30 Quality;

44.31 (5) Laws 2013, chapter 52, section 2,
44.32 subdivision 5, paragraph (f), Evaluation of
44.33 Lake Superior Water Quality Health;

- 45.1 (6) Laws 2013, chapter 52, section 2,
 45.2 subdivision 6, paragraph (c), Improving
 45.3 Emerald Ash Borer Detection Efficacy for
 45.4 Control;
- 45.5 (7) Laws 2014, chapter 226, section 2,
 45.6 subdivision 3, paragraph (l), Rainwater
 45.7 Reuse and Valuation Investigation;
- 45.8 (8) Laws 2014, chapter 226, section
 45.9 2, subdivision 10, paragraph (c),
 45.10 Legislative-Citizen Commission on
 45.11 Minnesota Resources (LCCMR) for upgrade
 45.12 and modernization of a project records
 45.13 management system; and
- 45.14 (9) Laws 2014, chapter 226, section 2,
 45.15 subdivision 8, paragraph (b), Innovative
 45.16 Groundwater-Enhanced Geothermal Heat
 45.17 Pump Study.
- 45.18 (b) The availability of the appropriations for
 45.19 the following projects are extended to June
 45.20 30, 2018:
- 45.21 (1) Laws 2014, chapter 226, section 2,
 45.22 subdivision 7, paragraph (e), Martin County
 45.23 Park and Natural Area Acquisition; and
- 45.24 (2) Laws 2015, chapter 76, section 2,
 45.25 subdivision 4, paragraph (d), Preventing
 45.26 Phosphorous, Nitrogen and Pesticides from
 45.27 Entering Water Resources through Drain
 45.28 Tiles.
- 45.29 **Subd. 19. Waiver of Deadlines**
- 45.30 Any deadlines established by the
 45.31 Legislative-Citizen Commission on
 45.32 Minnesota Resources for submission of
 45.33 proposals for the commission's fiscal year
 45.34 2018 funding recommendations are waived

46.1 until June 26, 2016, for proposals requesting
46.2 \$750,000 or more.

46.3 Sec. 3. Minnesota Statutes 2014, section 116P.05, subdivision 1, is amended to read:

46.4 Subdivision 1. **Membership.** (a) A Legislative-Citizen Commission on Minnesota
46.5 Resources of 17 members is created in the legislative branch, consisting of the chairs
46.6 of the house of representatives and senate committees on environment and natural
46.7 resources finance or designees appointed for the terms of the chairs, four members of the
46.8 senate appointed by the Subcommittee on Committees of the Committee on Rules and
46.9 Administration, and four members of the house of representatives appointed by the speaker.

46.10 At least two members from the senate and two members from the house of
46.11 representatives must be from the minority caucus. Members are entitled to reimbursement
46.12 for per diem expenses plus travel expenses incurred in the services of the commission.

46.13 Seven citizens are members of the commission, five appointed by the governor, one
46.14 appointed by the Senate Subcommittee on Committees of the Committee on Rules and
46.15 Administration, and one appointed by the speaker of the house. The citizen members
46.16 are selected and recommended to the appointing authorities according to subdivision
46.17 1a and must:

46.18 (1) have experience or expertise in the science, policy, or practice of the protection,
46.19 conservation, preservation, and enhancement of the state's air, water, land, fish, wildlife,
46.20 and other natural resources;

46.21 (2) have strong knowledge in the state's environment and natural resource issues
46.22 around the state; and

46.23 (3) have demonstrated ability to work in a collaborative environment.

46.24 (b) Members shall develop procedures to elect a chair that rotates between legislative
46.25 and citizen members each meeting. A citizen member, a senate member, and a house of
46.26 representatives member shall serve as chairs. The citizen members, senate members, and
46.27 house of representatives members must select their respective chairs. The chair shall
46.28 preside and convene meetings as often as necessary to conduct duties prescribed by this
46.29 chapter.

46.30 (c) Appointed legislative members shall serve on the commission for two-year
46.31 terms, beginning in January of each odd-numbered year and continuing through the end
46.32 of December of the next even-numbered year. Appointed citizen members shall serve
46.33 four-year terms, beginning in January of the first year and continuing through the end
46.34 of December of the final year. Citizen and legislative members continue to serve until
46.35 their successors are appointed.

47.1 (d) A citizen member may be removed by an appointing authority for cause.

47.2 Vacancies occurring on the commission shall not affect the authority of the remaining
47.3 members of the commission to carry out their duties, and vacancies shall be filled for the
47.4 remainder of the term in the same manner under paragraph (a).

47.5 ~~(e) Citizen members shall be initially appointed according to the following schedule~~
47.6 ~~of terms:~~

47.7 ~~(1) two members appointed by the governor for a term ending the first Monday in~~
47.8 ~~January 2010;~~

47.9 ~~(2) one member appointed by the senate Subcommittee on Committees of the~~
47.10 ~~Committee on Rules and Administration for a term ending the first Monday in January~~
47.11 ~~2010 and one member appointed by the speaker of the house for a term ending the first~~
47.12 ~~Monday in January 2010;~~

47.13 ~~(3) two members appointed by the governor for a term ending the first Monday in~~
47.14 ~~January 2009; and~~

47.15 ~~(4) one member appointed by the governor for a term ending the first Monday in~~
47.16 ~~January 2008.~~

47.17 ~~(f)~~ (e) Citizen members are entitled to per diem and reimbursement for expenses
47.18 incurred in the services of the commission, as provided in section 15.059, subdivision 3.

47.19 ~~(g)~~ (f) The governor's appointments are subject to the advice and consent of the senate.

47.20 Sec. 4. Minnesota Statutes 2015 Supplement, section 116P.08, subdivision 5, is
47.21 amended to read:

47.22 Subd. 5. **Public meetings.** (a) Meetings of the commission, committees or
47.23 subcommittees of the commission, technical advisory committees, and peer reviewers
47.24 must be open to the public and are subject to chapter 13D. The commission shall attempt
47.25 to meet throughout various regions of the state during each biennium. For purposes of
47.26 this subdivision, a meeting occurs when a quorum is present and action is taken regarding
47.27 a matter within the jurisdiction of the commission, a committee or subcommittee of the
47.28 commission, a technical advisory committee, or peer reviewers.

47.29 (b) For legislative members of the commission, enforcement of this subdivision is
47.30 governed by section 3.055, subdivision 2. For nonlegislative members of the commission,
47.31 enforcement of this subdivision is governed by section 13D.06, subdivisions 1 and 2.

47.32 Sec. 5. **[116P.19] DONATIONS.**

47.33 A recipient of money from the trust fund must not accept a monetary donation
47.34 or payment from an owner of land that is acquired in fee in whole or in part with

48.1 an appropriation from the trust fund that exceeds the documented expenses that are
 48.2 directly related to and necessary for activities specified in the work plan approved by the
 48.3 commission, unless expressly approved by the commission in the work plan. This section
 48.4 does not apply to:

48.5 (1) donations that are not connected with the acquisition transaction; or
 48.6 (2) bargain sales, as defined by Code of Federal Regulations, title 26, section
 48.7 1.1011-2, provided that the purchase price reimbursed by the state does not exceed the
 48.8 purchase price paid by the recipient.

48.9 **Sec. 6. [116P.20] EASEMENT MONITORING AND ENFORCEMENT**
 48.10 **REQUIREMENTS.**

48.11 A recipient of money appropriated from the trust fund for easement monitoring and
 48.12 enforcement may spend the money only on activities included in an easement monitoring
 48.13 and enforcement plan contained within the work plan. Money received for monitoring
 48.14 and enforcement, including earnings on the money received, must be kept in a monitoring
 48.15 and enforcement fund held by the recipient and dedicated to monitoring and enforcing
 48.16 conservation easements in Minnesota. A recipient of an appropriation for easement
 48.17 monitoring and enforcement must, within 120 days after the close of the recipient's
 48.18 fiscal year, provide an annual financial report to the commission or the commission's
 48.19 successor on the easement monitoring and enforcement fund as specified in the work plan.
 48.20 Money appropriated from the trust fund for monitoring and enforcement of easements and
 48.21 earnings on the money appropriated revert to the state if:

48.22 (1) the easement transfers to the state;
 48.23 (2) the recipient fails to file an annual financial report and then fails to cure the
 48.24 default within 30 days of notification of the default by the state; or
 48.25 (3) the recipient fails to comply with the terms of the monitoring and enforcement
 48.26 plan contained within the work plan and fails to cure the default within 90 days of
 48.27 notification of the default by the state.

48.28 **Sec. 7. Minnesota Statutes 2014, section 137.025, is amended by adding a subdivision**
 48.29 **to read:**

48.30 **Subd. 2a. Appropriations from Minnesota environment and natural resources**
 48.31 **trust fund. (a) The commissioner of management and budget shall pay no money to**
 48.32 **the University of Minnesota pursuant to a direct appropriation from the Minnesota**
 48.33 **environment and natural resources trust fund until the University of Minnesota requests**
 48.34 **reimbursement for expenditures related to the direct appropriation. The reimbursement**

49.1 request shall specify expenditures by appropriation. The commissioner of management
49.2 and budget shall reimburse the University of Minnesota by the 25th day of the month
49.3 following the reimbursement request. If the 25th day of the month falls on a Saturday,
49.4 Sunday, or holiday, the payment must be made by the first business day immediately
49.5 following the 25th day of the month.

49.6 (b) For each year the appropriation is available, the University of Minnesota must
49.7 submit an encumbrance request to the commissioner of management and budget by
49.8 July 31 for the prior fiscal year. The encumbrance request shall identify the amount the
49.9 university anticipates it will request for reimbursement for expenses in the prior fiscal
49.10 year by appropriation. The commissioner of management and budget shall maintain
49.11 this amount as an encumbrance at the state level until the university submits its final
49.12 reimbursement request for that fiscal year.

49.13 (c) Final requests for reimbursement must be made within 90 days from the last day
49.14 the appropriation is available to reimburse expenditures.