

HOUSE OF REPRESENTATIVES

EIGHTY-NINTH SESSION

H. F. No. 390

01/26/2015 Authored by Torkelson, Wagenius, Lillie, Persell and Loeffler

The bill was read for the first time and referred to the Committee on Environment and Natural Resources Policy and Finance

02/05/2015 Adoption of Report: Amended and re-referred to the Committee on Government Operations and Elections Policy

02/18/2015 Adoption of Report: Placed on the General Register

Read Second Time

By motion, recalled and re-referred to the Committee on Ways and Means

05/04/2015 Adoption of Report: Placed on the General Register as Amended

Read Second Time

05/11/2015 Referred to the Chief Clerk for Comparison with S. F. No. 698

05/12/2015 Postponed Indefinitely

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; amending Minnesota Statutes 2014, sections 116P.05,

1.5 subdivision 2; 116P.08, subdivisions 5, 6, 7; 116P.09, subdivisions 1, 6, 8.

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

1.7 Section 1. APPROPRIATIONS.

1.8 The sums shown in the columns marked "Appropriations" are appropriated to the

1.9 agencies and for the purposes specified in this act. The appropriations are from the

1.10 environment and natural resources trust fund, or another named fund, and are available for

1.11 the fiscal years indicated for each purpose. The figures "2016" and "2017" used in this act

1.12 mean that the appropriations listed under them are available for the fiscal year ending June

1.13 30, 2016, or June 30, 2017, respectively. "The first year" is fiscal year 2016. "The second

1.14 year" is fiscal year 2017. "The biennium" is fiscal years 2016 and 2017.

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APPROPRIATIONS		
<u>Available for the Year</u>		
<u>Ending June 30</u>		
	<u>2016</u>	<u>2017</u>

1.19 Sec. 2. MINNESOTA RESOURCES.

1.20 Subdivision 1. Total Appropriation \$ 46,383,000 \$ -0-

1.21

1.22

<u>Appropriations by Fund</u>		
	<u>2016</u>	<u>2017</u>

2.1	<u>Environment and</u>		
2.2	<u>natural resources</u>		
2.3	<u>trust fund</u>	<u>46,324,000</u>	<u>-0-</u>
2.4	<u>Great Lakes</u>		
2.5	<u>protection account</u>	<u>59,000</u>	<u>-0-</u>

2.6 The amounts that may be spent for each
 2.7 purpose are specified in the following
 2.8 subdivisions.

2.9 Appropriations are available for two
 2.10 years beginning July 1, 2015, unless
 2.11 otherwise stated in the appropriation. Any
 2.12 unencumbered balance remaining in the
 2.13 first year does not cancel and is available
 2.14 for the second year or until the end of the
 2.15 appropriation.

2.16 Subd. 2. **Definition**

2.17 "Trust fund" means the Minnesota
 2.18 environment and natural resources trust fund
 2.19 referred to in Minnesota Statutes, section
 2.20 116P.02, subdivision 6.

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

12,932,000

-0-

2.23 (a) **County Geologic Atlases - Part A**

2.24 \$2,040,000 the first year is from the trust fund
 2.25 to the Board of Regents of the University
 2.26 of Minnesota for the Minnesota Geological
 2.27 Survey to continue acceleration of the
 2.28 production of county geologic atlases for
 2.29 the purpose of sustainable management of
 2.30 surface water and groundwater resources.

2.31 This appropriation is to complete Part A of
 2.32 county geologic atlases, which focuses on the
 2.33 properties and distribution of earth materials
 2.34 in order to define aquifer boundaries and the
 2.35 connection of aquifers to the land surface and
 2.36 surface water resources. This appropriation

3.1 is available until June 30, 2018, by which
3.2 time the project must be completed and final
3.3 products delivered.

3.4 **(b) County Geologic Atlases - Part B**

3.5 \$2,000,000 the first year is from the trust
3.6 fund to the commissioner of natural resources
3.7 to continue acceleration of the production of
3.8 county geologic atlases for the purpose of
3.9 sustainable management of surface water and
3.10 groundwater resources. This appropriation
3.11 is to complete Part B of county geologic
3.12 atlases, which focuses on the properties
3.13 and distribution of subsurface water found
3.14 within geologic formations mapped in Part
3.15 A in order to characterize the potential
3.16 yield of aquifers and their sensitivity
3.17 to contamination. This appropriation is
3.18 available until June 30, 2018, by which time
3.19 the project must be completed and final
3.20 products delivered.

3.21 **(c) Minnesota Biological Survey**

3.22 \$2,700,000 the first year is from the
3.23 trust fund to the commissioner of natural
3.24 resources for continuation of the Minnesota
3.25 biological survey to provide a foundation
3.26 for conserving biological diversity by
3.27 systematically collecting, interpreting,
3.28 monitoring, and delivering data on plant and
3.29 animal distribution and ecology, native plant
3.30 communities, and functional landscapes.

3.31 **(d) Minnesota Biodiversity Atlas for**

3.32 **Enhanced Natural Resource Management**

3.33 \$340,000 the first year is from the trust fund
3.34 to the Board of Regents of the University of
3.35 Minnesota for the Bell Museum of Natural

4.1 History to create a publicly accessible, online
4.2 tool and repository that will electronically
4.3 integrate over 600,000 existing biodiversity
4.4 records, 300,000 existing images, and future
4.5 data and associated imagery pertaining to
4.6 Minnesota wildlife, plant, and fungi species
4.7 in order to enhance research, guide field
4.8 surveys, and inform conservation planning.

4.9 This appropriation is available until June
4.10 30, 2018, by which time the project must be
4.11 completed and final products delivered.

4.12 **(e) Updating the National Wetland**

4.13 **Inventory for Minnesota - Phase V**

4.14 \$1,500,000 the first year is from the
4.15 trust fund to the commissioner of natural
4.16 resources to continue to update and enhance
4.17 wetland inventory maps for Minnesota. This
4.18 appropriation is available until June 30,
4.19 2018, by which time the project must be
4.20 completed and final products delivered.

4.21 **(f) Creating a Statewide Wetland Bird**

4.22 **Monitoring Program**

4.23 \$146,000 the first year is from the trust fund
4.24 to the commissioner of natural resources for
4.25 an agreement with Audubon Minnesota to
4.26 develop a statewide wetland bird monitoring
4.27 program to enable long-term monitoring of
4.28 the status of wetland birds and the health of
4.29 their wetland habitats. This appropriation
4.30 is available until June 30, 2018, by which
4.31 time the project must be completed and final
4.32 products delivered.

4.33 **(g) Minnesota Native Bee Atlas**

4.34 \$790,000 the first year is from the trust
4.35 fund to the Board of Regents of the

5.1 University of Minnesota to supplement
5.2 and enhance existing bee survey efforts by
5.3 engaging citizens in helping to document the
5.4 distribution and phenology of wild Minnesota
5.5 bees and integrating data from all related
5.6 bee survey efforts into a single publicly
5.7 accessible, online tool and repository. 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) Reintroduction and Interpretation of**
5.12 **Bison in Minnesota State Parks**

5.13 \$600,000 the first year is from the trust fund
5.14 to the commissioner of natural resources to
5.15 preserve American bison by reintroducing
5.16 bison to Minneopa State Park and provide
5.17 interpretive learning opportunities at Blue
5.18 Mounds and Minneopa State Parks. This
5.19 appropriation is available until June 30,
5.20 2018, by which time the project must be
5.21 completed and final products delivered.

5.22 **(i) Endangered Bats, White-Nose**
5.23 **Syndrome, and Forest Habitat**

5.24 \$1,250,000 the first year is from the trust fund
5.25 to the commissioner of natural resources in
5.26 cooperation with the University of Minnesota
5.27 and the United States Forest Service to
5.28 survey and radio-track endangered bats to
5.29 define and understand summer forest habitat
5.30 use in order to minimize forestry impacts
5.31 and mitigate white-nose syndrome disease
5.32 impacts. This appropriation is available until
5.33 June 30, 2018, by which time the project must
5.34 be completed and final products delivered.

6.1 **(j) Assessing Contaminants in Minnesota**

6.2 **Loons and Pelicans - Phase III**

6.3 \$141,000 the first year is from the trust fund
6.4 to the commissioner of natural resources
6.5 to continue to assess the potential impact
6.6 of petroleum, dispersants, and heavy metal
6.7 contaminants from the Deepwater Horizon oil
6.8 spill in the Gulf of Mexico on the wintering
6.9 habitat of Minnesota's common loons
6.10 and white pelicans using radiotelemetry,
6.11 geolocators, and contaminant analysis.

6.12 **(k) Movement and Seasonal Habitat Use**

6.13 **of Minnesota Elk**

6.14 \$200,000 the first year is from the trust fund
6.15 to the commissioner of natural resources
6.16 to collect biological information about
6.17 Minnesota elk, including movements and
6.18 habitat use to enable long-term, sustainable
6.19 management. This appropriation is
6.20 contingent on a \$50,000 match from state
6.21 or nonstate sources. This appropriation is
6.22 available until June 30, 2018, by which time
6.23 the project must be completed and final
6.24 products delivered.

6.25 **(l) Genetic and Camera Techniques to**

6.26 **Estimate Carnivore Populations**

6.27 \$200,000 the first year is from the trust fund
6.28 to the Board of Regents of the University
6.29 of Minnesota – Duluth for the Natural
6.30 Resources Research Institute to use genetic
6.31 sampling and remote cameras to improve
6.32 monitoring of distributions and estimate
6.33 population sizes of carnivore species.

6.34 **(m) Digitization of Historic Gullion Ruffed**

6.35 **Grouse Research**

7.1 \$75,000 the first year is from the trust fund
7.2 to the commissioner of natural resources for
7.3 an agreement with Central Lakes College
7.4 to preserve the Gordon Gullion ruffed
7.5 grouse data sets as permanent digital data
7.6 files in order to improve accessibility to
7.7 the information and inform forest wildlife
7.8 conservation policies and practices.

7.9 **(n) Effects of Grazing Versus Fire for**
7.10 **Prairie Management**

7.11 \$414,000 the first year is from the trust fund
7.12 to the Board of Regents of the University
7.13 of Minnesota to compare the effects of
7.14 conservation grazing and prescribed fire
7.15 on tallgrass prairie plants and pollinators
7.16 in Minnesota in order to inform and
7.17 improve land management practices. This
7.18 appropriation is available until June 30,
7.19 2018, by which time the project must be
7.20 completed and final products delivered.

7.21 **(o) Assessing Ecological Impact of St.**
7.22 **Anthony Falls Lock Closure**

7.23 \$125,000 the first year is from the trust fund to
7.24 the commissioner of natural resources for an
7.25 agreement with the Minneapolis Riverfront
7.26 Partnership to study the impact of altered
7.27 river flow due to closure of the Upper Lock
7.28 on the Mississippi River at St. Anthony Falls
7.29 on the physical and biological characteristics
7.30 of the river between the Coon Rapids Dam
7.31 and Lock and Dam No. 1 in order to inform
7.32 future river restoration efforts.

7.33 **(p) Foundational Dataset Characterizing**
7.34 **Historic Forest Disturbance Impacts**

8.1 \$200,000 the first year is from the trust fund
8.2 to the Board of Regents of the University
8.3 of Minnesota to quantify forest disturbance
8.4 impacts over the past forty years on water
8.5 quality, wildlife demographics, and wood
8.6 fiber supply in order to identify management
8.7 strategies that better respond to disturbance
8.8 impacts and improve and sustain forest
8.9 resources. This appropriation is available
8.10 until June 30, 2018, by which time the
8.11 project must be completed and final products
8.12 delivered.

8.13 **(q) Hydrologic Effects of Contemporary**

8.14 **Forest Practices in Minnesota**

8.15 \$150,000 the first year is from the trust
8.16 fund to the Board of Regents of the
8.17 University of Minnesota to install hydrologic
8.18 monitoring stations to collect water quantity
8.19 and quality data from lands managed for
8.20 timber production to better understand the
8.21 relationship between harvest practices and
8.22 water resources and related responses to
8.23 changing climate and other disturbance
8.24 factors in order to inform forest management
8.25 practices. This appropriation is available
8.26 until June 30, 2018, by which time the
8.27 project must be completed and final products
8.28 delivered.

8.29 **(r) Habitat Mitigation for Goblin Fern**

8.30 **Conservation**

8.31 \$61,000 the first year is from the trust fund
8.32 to the commissioner of natural resources for
8.33 an agreement with the Leech Lake Band of
8.34 Ojibwe to examine goblin fern populations, a
8.35 threatened species in Minnesota, in relation

9.1 to habitat degradation and to develop
 9.2 long-term habitat mitigation and species
 9.3 conservation strategies. This appropriation
 9.4 is available until June 30, 2018, by which
 9.5 time the project must be completed and final
 9.6 products delivered.

9.7 Subd. 4. **Water Resources**

3,065,000

-0-

9.8 **(a) Understanding Water Scarcity,**
 9.9 **Threats, and Values to Improve**
 9.10 **Management**

9.11 \$234,000 the first year is from the trust fund
 9.12 to the Board of Regents of the University of
 9.13 Minnesota to model and map statewide water
 9.14 scarcity and abundance; assess water-related
 9.15 risks to industry, municipalities, and
 9.16 ecosystems; and quantify the economic
 9.17 values of changes in water quality and
 9.18 quantity in order to inform long-term water
 9.19 sustainability strategies. This appropriation
 9.20 is available until June 30, 2018, by which
 9.21 time the project must be completed and final
 9.22 products delivered.

9.23 **(b) Biofilm Technology for Water Nutrient**
 9.24 **Removal**

9.25 \$281,000 the first year is from the trust fund
 9.26 to the Board of Regents of the University
 9.27 of Minnesota to develop a simulated lichen
 9.28 biofilm system that can be used to remove
 9.29 pollutants and recycle nutrients from storm
 9.30 water runoff and polluted lakes, ponds, and
 9.31 lagoons. This appropriation is subject to
 9.32 Minnesota Statutes, section 116P.10. This
 9.33 appropriation is available until June 30,
 9.34 2018, by which time the project must be
 9.35 completed and final products delivered.

10.1 **(c) Biological Consequences of Septic**
10.2 **Pollution in Minnesota Lakes**
10.3 \$364,000 the first year is from the trust fund
10.4 to the Board of Trustees of the Minnesota
10.5 State Colleges and Universities system for
10.6 St. Cloud State University to assess the
10.7 presence of possible sources of contaminants
10.8 of emerging concern in Minnesota lakes
10.9 in order to determine their effects on fish
10.10 health, understand the potential contribution
10.11 from septic systems, and inform options
10.12 for remediation and prevention to protect
10.13 Minnesota lakes from these contaminants in
10.14 the future. This appropriation is available
10.15 until June 30, 2018, by which time the
10.16 project must be completed and final products
10.17 delivered.

10.18 **(d) Preventing Phosphorous from Entering**
10.19 **Water Resources through Drain Tiles**
10.20 \$505,000 the first year is from the trust
10.21 fund to the Board of Regents of the
10.22 University of Minnesota to develop a new
10.23 nanocomposite material made from biomass
10.24 that is designed to adsorb phosphorus,
10.25 nitrogen, and pesticides from storm water
10.26 and drain tile runoff discharge for recycling
10.27 back to agricultural lands. This appropriation
10.28 is subject to Minnesota Statutes, section
10.29 116P.10.

10.30 **(e) Southeast Minnesota Cover Crop and**
10.31 **Soil Health Initiatives**
10.32 \$253,000 the first year is from the trust fund
10.33 to the Board of Water and Soil Resources to
10.34 promote cover crops as a means of protecting
10.35 soil and water quality in southeastern

11.1 Minnesota through training and education
11.2 for local practitioners, economic analysis of
11.3 implementation, and on-farm demonstration
11.4 sites. This effort must be coordinated with
11.5 the University of Minnesota Forever Green
11.6 Initiative. This appropriation is available
11.7 until June 30, 2018, by which time the
11.8 project must be completed and final products
11.9 delivered.

11.10 **(f) Southeast Minnesota Subsurface**
11.11 **Drainage Impacts on Groundwater**
11.12 **Recharge**

11.13 \$488,000 the first year is from the trust fund
11.14 to the commissioner of natural resources
11.15 for an agreement with the United States
11.16 Geological Survey to assess the relationship
11.17 between agricultural drainage and water
11.18 flow within the unique karst geology of
11.19 southeast Minnesota to characterize the
11.20 potential impacts of drainage on groundwater
11.21 recharge and groundwater sustainability in
11.22 the region. This appropriation is not subject
11.23 to Minnesota Statutes, section 116P.10. This
11.24 appropriation is available until June 30,
11.25 2019, by which time the project must be
11.26 completed and final products delivered.

11.27 **(g) Using Hydroacoustics to Monitor**
11.28 **Sediment in Minnesota Rivers**

11.29 \$455,000 the first year is from the trust fund
11.30 to the commissioner of natural resources
11.31 for an agreement with the United States
11.32 Geological Survey to install hydroacoustic
11.33 equipment on the lower Minnesota and
11.34 Mississippi Rivers to improve measurement
11.35 and monitoring accuracy for suspended

12.1 sediment and enhance ongoing sediment
12.2 reduction efforts by state, federal, and local
12.3 agencies. This appropriation is not subject
12.4 to Minnesota Statutes, section 116P.10. This
12.5 appropriation is available until June 30,
12.6 2019, by which time the project must be
12.7 completed and final products delivered.

12.8 **(h) Assessment of Irrigation Efficiencies in**
12.9 **Benton County**

12.10 \$431,000 the first year is from the trust fund
12.11 to the commissioner of natural resources
12.12 for an agreement with Benton Soil and
12.13 Water Conservation District to develop and
12.14 implement a decision support system to
12.15 increase irrigation efficiencies and provide
12.16 outreach on irrigation best management
12.17 practices. Software developed with this
12.18 appropriation must be available in the public
12.19 domain. Project efforts should be coordinated
12.20 with the Department of Natural Resources.
12.21 This appropriation is available until June
12.22 30, 2019, by which time the project must be
12.23 completed and final products delivered.

12.24 **(i) Shoreview Water Consumption and**
12.25 **Groundwater Awareness Project**

12.26 \$54,000 the first year is from the trust fund
12.27 to the commissioner of natural resources for
12.28 an agreement with the city of Shoreview
12.29 to provide biweekly water consumption
12.30 data to at least 400 residential households
12.31 for a two-year period to determine whether
12.32 additional groundwater can be conserved
12.33 with greater awareness of consumption data.
12.34 This appropriation is available until June

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

13.3 Subd. 5. **Environmental Education** 1,004,000 -0-

13.4 **(a) Trap Shooting Sports Facility Grants**

13.5 \$132,000 the first year is from the trust fund
 13.6 to the commissioner of natural resources
 13.7 for trap shooting sports facility grants under
 13.8 Minnesota Statutes, section 87A.10.

13.9 **(b) Connecting Students with Watersheds**
 13.10 **through Hands-On Learning**

13.11 \$400,000 the first year is from the trust fund to
 13.12 the commissioner of natural resources for an
 13.13 agreement with Minnesota Trout Unlimited
 13.14 to provide hands-on learning focused on
 13.15 water quality, groundwater, aquatic life,
 13.16 and watershed health stewardship. This
 13.17 appropriation is available until June 30,
 13.18 2018, by which time the project must be
 13.19 completed and final products delivered.

13.20 **(c) Zumbro River Watershed Recreational**
 13.21 **Learning Stewardship Sites**

13.22 \$300,000 the first year is from the trust fund
 13.23 to the commissioner of natural resources for
 13.24 an agreement with the Zumbro Watershed
 13.25 Partnership to develop at least six recreational
 13.26 and educational sites on the Zumbro River
 13.27 with water quality demonstration elements
 13.28 and interpretative signage designed to
 13.29 encourage adoption of water protection
 13.30 practices. No more than 15 percent of this
 13.31 appropriation may be spent on site and
 13.32 construction consultation, planning, and
 13.33 design. Any plantings or restoration activities
 13.34 conducted with this appropriation must use

14.1 native plant species according to the Board of
 14.2 Water and Soil Resources' native vegetation
 14.3 establishment and enhancement guidelines.
 14.4 This appropriation is available until June
 14.5 30, 2018, by which time the project must be
 14.6 completed and final products delivered.

14.7 **(d) Students Engaging Local Watersheds**
 14.8 **Using Mobile Technologies**

14.9 \$147,000 the first year is from the trust fund
 14.10 to the commissioner of natural resources
 14.11 for an agreement with Twin Cities Public
 14.12 Television to deliver an experiential,
 14.13 project-based educational program using
 14.14 mobile technologies to empower at least 200
 14.15 middle school students in 4-H programs to
 14.16 engage in understanding and protecting local
 14.17 water resources.

14.18 **(e) Mississippi River Water Journey**
 14.19 **Camps**

14.20 \$25,000 the first year is from the trust fund
 14.21 to the Board of Regents of the University of
 14.22 Minnesota to design and pilot two week-long
 14.23 summer camps for youth ages 6 to 11 focused
 14.24 around clean water and the Mississippi
 14.25 River and designed to get children outdoors
 14.26 exploring and engaged with the natural
 14.27 environment and creating educational
 14.28 materials to help their communities protect
 14.29 water quality.

14.30 **Subd. 6. Aquatic and Terrestrial Invasive**
 14.31 **Species**

6,071,000

-0-

14.32 **(a) Minnesota Invasive Terrestrial Plants**
 14.33 **and Pests Center**

14.34 \$5,000,000 the first year is from the trust fund
 14.35 to the Board of Regents of the University

15.1 of Minnesota for the Invasive Terrestrial
15.2 Plants and Pests Center established in Laws
15.3 2014, chapter 312, article 13, section 44,
15.4 to conduct research to prevent, minimize,
15.5 and mitigate the threats and impacts posed
15.6 by invasive plants, pathogens, and pests to
15.7 the state's prairies, forests, wetlands, and
15.8 agricultural resources. This appropriation
15.9 is available until June 30, 2023, by which
15.10 time the project must be completed and final
15.11 products delivered.

15.12 **(b) Emerald Ash Borer Ecological and**
15.13 **Hydrological Impacts - Phase II**
15.14 \$400,000 the first year is from the trust fund
15.15 to the Board of Regents of the University
15.16 of Minnesota to assess the potential impacts
15.17 of emerald ash borer on Minnesota black
15.18 ash forests and quantify potential impacts
15.19 on native forest vegetation, invasive species
15.20 spread, and hydrology. This appropriation
15.21 is available until June 30, 2020, by which
15.22 time the project must be completed and final
15.23 products delivered.

15.24 **(c) Biological Control of Canada Thistle**
15.25 \$300,000 the first year is from the trust fund
15.26 to the Board of Regents of the University of
15.27 Minnesota to develop a biological control for
15.28 Canada thistle, an invasive plant species in
15.29 Minnesota. This appropriation is available
15.30 until June 30, 2018, by which time the
15.31 project must be completed and final products
15.32 delivered.

15.33 **(d) Preventing New Disease of Pines in**
15.34 **Minnesota**

16.1 \$371,000 the first year is from the trust fund
 16.2 to the Board of Regents of the University of
 16.3 Minnesota to establish early detection for
 16.4 heterobasidion, an invasive root rot fungus,
 16.5 and develop efforts to prevent its spread
 16.6 and reduce its impact. This appropriation
 16.7 is available until June 30, 2018, by which
 16.8 time the project must be completed and final
 16.9 products delivered.

16.10 **Subd. 7. Air Quality, Climate Change, and**
 16.11 **Renewable Energy**

2,268,000

-0-

16.12 **(a) Renewable and Sustainable Fertilizers**
 16.13 **Produced Locally**

16.14 \$1,000,000 the first year is from the trust fund
 16.15 to the Board of Regents of the University
 16.16 of Minnesota for the Morris West Central
 16.17 Research and Outreach Center and Twin
 16.18 Cities Campus to develop and demonstrate
 16.19 new technologies aimed at enabling
 16.20 renewable and sustainable production of
 16.21 ammonia for fertilizer in a localized manner.
 16.22 This appropriation is subject to Minnesota
 16.23 Statutes, section 116P.10. This appropriation
 16.24 is available until June 30, 2018, by which
 16.25 time the project must be completed and final
 16.26 products delivered.

16.27 **(b) Reducing Emissions from Open**
 16.28 **Burning through Biomass Gasification**

16.29 \$268,000 the first year is from the trust
 16.30 fund to the Board of Regents of the
 16.31 University of Minnesota in cooperation with
 16.32 the Department of Natural Resources to
 16.33 characterize and promote distributed biomass
 16.34 gasification of wood waste as a means for
 16.35 producing renewable and sustainable energy

17.1 in rural areas through a demonstration at the
 17.2 Department of Natural Resources regional
 17.3 office facility in New Ulm.

17.4 **(c) Building Deconstruction to Reduce**
 17.5 **Greenhouse Gas Emissions and Solid**
 17.6 **Waste**

17.7 \$845,000 the first year is from the trust fund
 17.8 to the commissioner of natural resources for
 17.9 an agreement with Better Futures Minnesota
 17.10 in cooperation with the Northwest Indian
 17.11 Opportunities Industrialization Center
 17.12 and \$155,000 the first year is from the
 17.13 trust fund to the Board of Regents of the
 17.14 University of Minnesota – Duluth for the
 17.15 Natural Resources Research Institute to
 17.16 develop and test a model for implementing
 17.17 building deconstruction and material reuse
 17.18 as a competitive alternative to demolition
 17.19 for the purpose of reducing greenhouse
 17.20 gas emissions, reducing landfill waste, and
 17.21 providing job training. The project report
 17.22 must quantify and document greenhouse gas
 17.23 emissions reductions resulting from specific
 17.24 deconstruction techniques and materials
 17.25 reuses.

17.26 **Subd. 8. Methods to Protect, Restore, and**
 17.27 **Enhance Land, Water, and Habitat**

5,646,000

-0-

17.28 Appropriations by Fund

17.29 Environment and
 17.30 natural resources
 17.31 trust fund

5,587,000

-0-

17.32 Great Lakes
 17.33 protection account

59,000

-0-

17.34 **(a) Prioritizing Future Management of**
 17.35 **North Shore Trout Streams**

18.1 \$357,000 the first year is from the trust fund
18.2 and \$59,000 the first year is from the Great
18.3 Lakes protection account to the Board of
18.4 Regents of the University of Minnesota –
18.5 Duluth for the Natural Resources Research
18.6 Institute to identify key areas in North Shore
18.7 streams that supply the cold groundwater
18.8 essential to sustaining trout fisheries, in order
18.9 to focus habitat restoration, protection, and
18.10 management efforts on the areas that are
18.11 most essential for long-term stream health
18.12 and sustainability. This appropriation is
18.13 available until June 30, 2018, by which time
18.14 the project must be completed and final
18.15 products delivered.

18.16 **(b) Propagating Native Plants and**

18.17 **Restoring Diverse Habitats**

18.18 \$495,000 the first year is from the trust fund
18.19 to the commissioner of natural resources
18.20 for an agreement with the Martin County
18.21 Soil and Water Conservation District for a
18.22 cooperative 13-county effort by Blue Earth,
18.23 Brown, Cottonwood, Crow Wing, Faribault,
18.24 Freeborn, Jackson, Lake, Le Sueur, Martin,
18.25 Nicollet, Waseca, and Watonwan Counties to
18.26 protect and expand native forest and prairie
18.27 habitat for species in greatest conservation
18.28 need in four regions of the state through
18.29 collection and propagation of local ecotype
18.30 native plants, habitat restoration efforts, and
18.31 educational outreach. This appropriation
18.32 is available until June 30, 2020, by which
18.33 time the project must be completed and final
18.34 products delivered.

19.1 **(c) Preserving and Protecting Minnesota**
19.2 **Native Orchid Species**

19.3 \$167,000 the first year is from the trust fund
19.4 to the Board of Regents of the University
19.5 of Minnesota for the Minnesota Landscape
19.6 Arboretum for propagation and cultivation
19.7 research to enable long-term conservation
19.8 of at least 15 selected species of the 48
19.9 native orchid species in Minnesota. This
19.10 appropriation is available until June 30,
19.11 2018, by which time the project must be
19.12 completed and final products delivered.

19.13 **(d) Acceleration of Minnesota**
19.14 **Conservation Assistance – Final Phase**

19.15 \$2,000,000 the first year is from the trust
19.16 fund to the Board of Water and Soil
19.17 Resources for the final phase of a pilot
19.18 program to provide grants to soil and water
19.19 conservation districts and other units of local
19.20 and state government for employment of
19.21 staff to provide technical assistance to secure
19.22 enrollment and retention of private lands
19.23 in federal and state conservation programs.
19.24 This appropriation is available until June
19.25 30, 2018, by which time the project must be
19.26 completed and final products delivered.

19.27 **(e) Metro Conservation Corridors -**
19.28 **Phase VIII Prairie, Forest, and Savanna**
19.29 **Restoration**

19.30 \$276,000 the first year is from the trust fund
19.31 to the commissioner of natural resources
19.32 for an agreement with the Friends of the
19.33 Mississippi River for Phase VIII of the
19.34 Metro Conservation Corridors partnership
19.35 to conduct restoration activities on at least

20.1 260 acres of forest and savanna and at least
20.2 160 acres of prairie to preserve and increase
20.3 wildlife habitat in the metropolitan area, as
20.4 defined under Minnesota Statutes, section
20.5 473.121, subdivision 2, and portions of the
20.6 surrounding counties. Expenditures are
20.7 limited to the identified project corridor
20.8 areas as defined in the work plan. A list
20.9 of proposed restorations must be provided
20.10 as part of the required work plan. This
20.11 appropriation is available until June 30,
20.12 2018, by which time the project must be
20.13 completed and final products delivered.

20.14 **(f) Metro Conservation Corridors - Phase**
20.15 **VIII Enhancing Restoration Techniques**
20.16 **for Improved Climate Resilience and**
20.17 **Pollinator Conservation**

20.18 \$400,000 the first year is from the trust fund
20.19 to the commissioner of natural resources for
20.20 an agreement with Great River Greening
20.21 for Phase VIII of the Metro Conservation
20.22 Corridors partnership to pilot and evaluate
20.23 innovative restoration techniques aimed
20.24 at improving the resilience of bur oak
20.25 communities to changing climate conditions
20.26 and enhancing prairie management to benefit
20.27 pollinators with the help and engagement
20.28 of citizen volunteers. Expenditures on
20.29 restoration efforts are limited to the identified
20.30 project corridor areas as defined in the work
20.31 plan. A list of proposed restorations must be
20.32 provided as part of the required work plan.
20.33 This appropriation is available until June 30,
20.34 2018, by which point the project must be
20.35 completed and final products delivered.

- 21.1 **(g) Minnesota State University Moorhead**
21.2 **Prairie and Riparian Restoration and**
21.3 **Monitoring**
- 21.4 \$527,000 the first year is from the trust fund
21.5 to the Board of Trustees of the Minnesota
21.6 State Colleges and Universities system
21.7 for Minnesota State University Moorhead
21.8 in cooperation with the Department of
21.9 Natural Resources to restore and monitor
21.10 160 acres of prairie and riparian habitat
21.11 and develop and disseminate monitoring
21.12 protocols. This appropriation is contingent
21.13 upon the donation of a 60-acre parcel to
21.14 Minnesota State University Moorhead from
21.15 the Minnesota State University Moorhead
21.16 Alumni Foundation and is available until
21.17 June 30, 2020, by which time the project must
21.18 be completed and final products delivered.
- 21.19 **(h) Improving Community Forests**
21.20 **Through Citizen Engagement**
- 21.21 \$800,000 the first year is from the trust fund
21.22 to the commissioner of natural resources
21.23 to design and pilot a program, including
21.24 grants to communities, to mobilize citizen
21.25 volunteers to protect, improve, and maintain
21.26 local forests in communities around the state.
21.27 Participation is open to any municipality in
21.28 the state and participating municipalities will
21.29 be selected through a competitive proposal
21.30 process that will include representation from
21.31 both metropolitan and nonmetropolitan
21.32 areas of the state. Trees planted using this
21.33 appropriation must be species that are native
21.34 to Minnesota. A participating municipality
21.35 must provide a match of not less than 25

22.1 percent, up to half of which may be in the
22.2 form of in-kind support. This appropriation
22.3 is available until June 30, 2018, by which
22.4 time the project must be completed and final
22.5 products delivered.

22.6 **(i) Flood Recovery on Sargent Creek in**
22.7 **Duluth**

22.8 \$300,000 the first year is from the trust fund
22.9 to the commissioner of natural resources
22.10 for an agreement with the city of Duluth to
22.11 re-establish stable and natural streambanks
22.12 with riparian and aquatic habitat restoration
22.13 on at least 5,400 linear feet of Sargent Creek
22.14 in Duluth destroyed during the flood of 2012.

22.15 **(j) Shoreland Protection for Lower St.**
22.16 **Croix River**

22.17 \$190,000 the first year is from the trust fund
22.18 to the commissioner of natural resources
22.19 for an agreement with the St. Croix River
22.20 Association to provide technical assistance
22.21 to landowners, local governments, realtors,
22.22 and developers on shoreland conservation
22.23 and protection of the lower St. Croix River.

22.24 This appropriation is available until June
22.25 30, 2018, by which time the project must be
22.26 completed and final products delivered.

22.27 **(k) Redwood and Renville Counties**
22.28 **Outdoor Recreation and Conservation**
22.29 **Master Plan**

22.30 \$75,000 the first year is from the trust fund
22.31 to the commissioner of natural resources
22.32 for an agreement with Renville County
22.33 in cooperation with Redwood County to
22.34 develop a joint outdoor recreation and
22.35 conservation master plan to guide future

23.1 development and protect cultural, historical,
 23.2 and natural resources in the Minnesota River
 23.3 Valley.

23.4 Subd. 9. **Land Acquisition for Habitat and**
 23.5 **Recreation**

14,190,000

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23.6 **(a) State Parks and Trails Land**
 23.7 **Acquisitions**

23.8 \$1,500,000 the first year is from the trust
 23.9 fund to the commissioner of natural resources
 23.10 to acquire at least 335 acres for authorized
 23.11 state trails and critical parcels within the
 23.12 statutory boundaries of state parks. State
 23.13 park land acquired with this appropriation
 23.14 must be sufficiently improved to meet at
 23.15 least minimum management standards, as
 23.16 determined by the commissioner of natural
 23.17 resources. A list of proposed acquisitions
 23.18 must be provided as part of the required work
 23.19 plan. This appropriation is available until
 23.20 June 30, 2018, by which time the project must
 23.21 be completed and final products delivered.

23.22 **(b) Metropolitan Regional Park System**
 23.23 **Land Acquisition – Phase IV**

23.24 \$1,000,000 the first year is from the trust
 23.25 fund to the Metropolitan Council for grants
 23.26 to acquire at least 133 acres of lands within
 23.27 the approved park unit boundaries of the
 23.28 metropolitan regional park system. This
 23.29 appropriation may not be used to purchase
 23.30 habitable residential structures. A list of
 23.31 proposed fee title and easement acquisitions
 23.32 must be provided as part of the required work
 23.33 plan. This appropriation must be matched
 23.34 by at least 40 percent of nonstate money that
 23.35 must be committed by December 31, 2015, or

24.1 the appropriation cancels. This appropriation
24.2 is available until June 30, 2018, by which
24.3 time the project must be completed and final
24.4 products delivered.

24.5 **(c) SNA Acquisition, Restoration,**
24.6 **Enhancement, and Public Engagement**

24.7 \$4,000,000 the first year is from the trust
24.8 fund to the commissioner of natural resources
24.9 to acquire at least 350 acres of lands with
24.10 high-quality native plant communities and
24.11 rare features to be established as scientific
24.12 and natural areas as provided in Minnesota
24.13 Statutes, section 86A.05, subdivision 5,
24.14 restore and improve at least 550 acres of
24.15 scientific and natural areas, and provide
24.16 technical assistance and outreach. A list of
24.17 proposed acquisitions must be provided as
24.18 part of the required work plan. Land acquired
24.19 with this appropriation must be sufficiently
24.20 improved to meet at least minimum
24.21 management standards, as determined by
24.22 the commissioner of natural resources. This
24.23 appropriation is available until June 30,
24.24 2018, by which time the project must be
24.25 completed and final products delivered.

24.26 **(d) Native Prairie Stewardship and Prairie**
24.27 **Bank Easement Acquisition**

24.28 \$3,325,000 the first year is from the trust
24.29 fund to the commissioner of natural resources
24.30 to acquire native prairie bank easements on
24.31 at least 675 acres, prepare baseline property
24.32 assessments, restore and enhance at least
24.33 1,000 acres of native prairie sites, and provide
24.34 technical assistance to landowners. Of this
24.35 amount, up to \$135,000 must be deposited

25.1 in a conservation easement stewardship
25.2 account. Deposits into the conservation
25.3 easement stewardship account must be made
25.4 upon closing on conservation easements or at
25.5 a time otherwise approved in the work plan.
25.6 A list of proposed easement acquisitions must
25.7 be provided as part of the required work plan.
25.8 This appropriation is available until June
25.9 30, 2018, by which time the project must be
25.10 completed and final products delivered.

25.11 **(e) Metro Conservation Corridors -**
25.12 **Phase VIII Coordination, Mapping, and**
25.13 **Conservation Easements**

25.14 \$515,000 the first year is from the trust fund
25.15 to the commissioner of natural resources
25.16 for an agreement with the Minnesota
25.17 Land Trust for Phase VIII of the Metro
25.18 Conservation Corridors partnership to
25.19 provide coordination and mapping for
25.20 the partnership and to acquire permanent
25.21 conservation easements on at least 120 acres
25.22 of strategic ecological landscapes to protect
25.23 priority natural areas in the metropolitan
25.24 area, as defined under Minnesota Statutes,
25.25 section 473.121, subdivision 2, and portions
25.26 of the surrounding counties. A list of
25.27 proposed easement acquisitions must be
25.28 provided as part of the required work plan.
25.29 Land acquired with this appropriation
25.30 must be sufficiently improved to meet at
25.31 least minimum management standards, as
25.32 determined by the commissioner of natural
25.33 resources. Expenditures are limited to the
25.34 identified project corridor areas as defined in
25.35 the work plan. Up to \$40,000 may be used
25.36 for coordination and mapping for the Metro

26.1 Conservation Corridors. All conservation
26.2 easements must be perpetual and have a
26.3 natural resource management plan. A list
26.4 of proposed easement acquisitions must be
26.5 provided as part of the required work plan.
26.6 This appropriation is available June 30, 2018,
26.7 by which time the project must be completed
26.8 and final products delivered.

26.9 **(f) Metro Conservation Corridors - Phase**
26.10 **VIII Strategic Lands Protection**

26.11 \$750,000 the first year is from the trust fund
26.12 to the commissioner of natural resources for
26.13 an agreement with The Trust for Public Land
26.14 for Phase VIII of the Metro Conservation
26.15 Corridors partnership to acquire in fee at
26.16 least 35 acres of high-quality priority state
26.17 and local natural areas in the metropolitan
26.18 area, as defined under Minnesota Statutes,
26.19 section 473.121, subdivision 2, and portions
26.20 of the surrounding counties. A list of
26.21 proposed acquisitions must be provided as
26.22 part of the required work plan. Land acquired
26.23 with this appropriation must be sufficiently
26.24 improved to meet at least minimum
26.25 management standards, as determined by
26.26 the commissioner of natural resources.
26.27 Expenditures are limited to the identified
26.28 project corridor areas as defined in the work
26.29 plan. This appropriation may not be used
26.30 to purchase habitable residential structures,
26.31 unless expressly approved in the work
26.32 plan. A list of fee title acquisitions must be
26.33 provided as part of the required work plan.
26.34 This appropriation is available until June
26.35 30, 2018, by which time the project must be
26.36 completed and final products delivered.

27.1 **(g) Metro Conservation Corridors - Phase**
27.2 **VIII Priority Expansion of Minnesota**
27.3 **Valley National Wildlife Refuge**
27.4 \$500,000 the first year is from the trust fund
27.5 to the commissioner of natural resources
27.6 for an agreement with the Minnesota Valley
27.7 National Wildlife Refuge Trust, Inc. for
27.8 Phase VIII of the Metro Conservation
27.9 Corridors partnership to acquire in fee
27.10 at least 100 acres of priority habitat for
27.11 the Minnesota Valley National Wildlife
27.12 Refuge in the metropolitan area, as defined
27.13 under Minnesota Statutes, section 473.121,
27.14 subdivision 2, and portions of the surrounding
27.15 counties. A list of proposed acquisitions
27.16 must be provided as part of the required work
27.17 plan. Land acquired with this appropriation
27.18 must be sufficiently improved to meet at
27.19 least minimum management standards.
27.20 Expenditures are limited to the identified
27.21 project corridor areas as defined in the work
27.22 plan. This appropriation may not be used
27.23 to purchase habitable residential structures,
27.24 unless expressly approved in the work plan.
27.25 This appropriation is available until June
27.26 30, 2018, by which time the project must be
27.27 completed and final products delivered.
27.28 **(h) Metro Conservation Corridors -**
27.29 **Phase VIII Wildlife Management Area**
27.30 **Acquisition**
27.31 \$400,000 the first year is from the trust fund
27.32 to the commissioner of natural resources
27.33 for Phase VIII of the Metro Conservation
27.34 Corridors partnership to acquire in fee at
27.35 least 82 acres along the lower reaches of the

28.1 Vermillion River in Dakota County within
28.2 the Gores Pool Wildlife Management Area.
28.3 Land acquired with this appropriation must
28.4 be sufficiently improved to meet at least
28.5 minimum management standards. This
28.6 appropriation may not be used to purchase
28.7 habitable residential structures, unless
28.8 expressly approved in the work plan. This
28.9 appropriation is available until June 30,
28.10 2018, by which time the project must be
28.11 completed and final products delivered.

28.12 **(i) Mesabi Trail Development Soudan to**
28.13 **Ely – Phase II**

28.14 \$1,000,000 the first year is from the trust
28.15 fund to the commissioner of natural resources
28.16 for an agreement with the St. Louis and
28.17 Lake Counties Regional Railroad Authority
28.18 for the right-of-way acquisition, design,
28.19 and construction of segments of the Mesabi
28.20 Trail, totaling approximately seven miles
28.21 between Soudan and Ely. This appropriation
28.22 is available until June 30, 2018, by which
28.23 time the project must be completed and final
28.24 products delivered.

28.25 **(j) Multi-benefit Watershed Scale**

28.26 **Conservation on North Central Lakes**

28.27 \$950,000 the first year is from the trust fund
28.28 to the Board of Water and Soil Resources to
28.29 secure permanent conservation easements
28.30 on at least 480 acres of high-quality habitat
28.31 in Crow Wing and Cass Counties. Of this
28.32 amount, up to \$65,000 must be deposited in a
28.33 conservation easement stewardship account;
28.34 and \$54,000 is for an agreement with the
28.35 Leech Lake Area Watershed Foundation in

29.1 cooperation with Crow Wing County Soil
 29.2 and Water Conservation District and Cass
 29.3 County Soil and Water Conservation District.
 29.4 Deposits into the conservation easement
 29.5 stewardship account must be made upon
 29.6 closing on conservation easements or at a
 29.7 time otherwise approved in the work plan. A
 29.8 list of proposed easement acquisitions must
 29.9 be provided as part of the required work plan.
 29.10 This appropriation is available until June
 29.11 30, 2018, by which time the project must be
 29.12 completed and final products delivered.

29.13 **(k) Conservation Easement Assessment**
 29.14 **and Valuation System Development**

29.15 \$250,000 the first year is from the trust fund
 29.16 to the Board of Regents of the University
 29.17 of Minnesota to assess the effectiveness of
 29.18 existing conservation easements acquired
 29.19 through state expenditures at achieving
 29.20 their intended outcomes of public value
 29.21 and ecological benefits and to develop
 29.22 a standardized, objective conservation
 29.23 easement valuation system for guiding future
 29.24 state investments in conservation easements
 29.25 to ensure the proposed environmental
 29.26 benefits are being achieved in a cost-effective
 29.27 manner. This appropriation is available until
 29.28 June 30, 2018, by which time the project must
 29.29 be completed and final products delivered.

29.30 **Subd. 10. Administration and Contract**
 29.31 **Agreement Reimbursement**

1,207,000

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29.32 **(a) Legislative-Citizen Commission on**
 29.33 **Minnesota Resources**

29.34 \$1,072,000 the first year is from the trust
 29.35 fund to the Legislative-Citizen Commission

30.1 on Minnesota Resources for administration
30.2 in fiscal years 2016 and 2017 as provided
30.3 in Minnesota Statutes, section 116P.09,
30.4 subdivision 5.

30.5 **(b) Contract Agreement Reimbursement**

30.6 \$135,000 the first year is from the trust fund
30.7 to the commissioner of natural resources
30.8 at the direction of the Legislative-Citizen
30.9 Commission on Minnesota Resources for
30.10 expenses incurred for contract agreement
30.11 reimbursement for the agreements specified
30.12 in this section. The commissioner
30.13 shall provide documentation to the
30.14 Legislative-Citizen Commission on
30.15 Minnesota Resources on the expenditure of
30.16 these funds.

30.17 **Subd. 11. Availability of Appropriations**

30.18 Money appropriated in this section may
30.19 not be spent on activities unless they are
30.20 directly related to and necessary for a specific
30.21 appropriation and are specified in the work
30.22 plan approved by the Legislative-Citizen
30.23 Commission on Minnesota Resources.
30.24 Money appropriated in this section must
30.25 not be spent on indirect costs or other
30.26 institutional overhead charges that are
30.27 not directly related to and necessary for
30.28 a specific appropriation. Costs that are
30.29 directly related to and necessary for an
30.30 appropriation, including financial services,
30.31 human resources, information services, rent,
30.32 and utilities, are eligible only if the costs
30.33 can be clearly justified and individually
30.34 documented specific to the appropriation's
30.35 purpose and would not be generated by

31.1 the recipient but for the receipt of the
31.2 appropriation. No broad allocations for costs
31.3 in either dollars or percentages are allowed.
31.4 Unless otherwise provided, the amounts in
31.5 this section are available until June 30, 2017,
31.6 when projects must be completed and final
31.7 products delivered. For acquisition of real
31.8 property, the appropriations in this section
31.9 are available for an additional fiscal year if a
31.10 binding contract for acquisition of the real
31.11 property is entered into before the original
31.12 expiration date of the appropriation. If a
31.13 project receives a federal grant, the time
31.14 period of the appropriation is extended to
31.15 equal the federal grant period.

31.16 Subd. 12. **Data Availability Requirements**

31.17 Data collected by the projects funded under
31.18 this section must conform to guidelines
31.19 and standards adopted by MN.IT Services.
31.20 Spatial data also must conform to additional
31.21 guidelines and standards designed to support
31.22 data coordination and distribution that have
31.23 been published by the Minnesota Geospatial
31.24 Information Office. Descriptions of spatial
31.25 data must be prepared as specified in
31.26 the state's geographic metadata guideline
31.27 and must be submitted to the Minnesota
31.28 Geospatial Information Office. All data must
31.29 be accessible and free to the public unless
31.30 made private under the Data Practices Act,
31.31 Minnesota Statutes, chapter 13. To the extent
31.32 practicable, summary data and results of
31.33 projects funded under this section should
31.34 be readily accessible on the Internet and
31.35 identified as having received funding from

32.1 the environment and natural resources trust
32.2 fund.

32.3 Subd. 13. **Project Requirements**

32.4 (a) As a condition of accepting an
32.5 appropriation under this section, an agency
32.6 or entity receiving an appropriation or a
32.7 party to an agreement from an appropriation
32.8 must comply with paragraphs (b) to (l)
32.9 and Minnesota Statutes, chapter 116P, and
32.10 must submit a work plan and semiannual
32.11 progress reports in the form determined
32.12 by the Legislative-Citizen Commission on
32.13 Minnesota Resources for any project funded
32.14 in whole or in part with funds from the
32.15 appropriation. Modifications to the approved
32.16 work plan and budget expenditures must
32.17 be made through the amendment process
32.18 established by the Legislative-Citizen
32.19 Commission on Minnesota Resources.

32.20 (b) A recipient of money appropriated in
32.21 this section that conducts a restoration using
32.22 funds appropriated in this section must use
32.23 native plant species according to the Board of
32.24 Water and Soil Resources' native vegetation
32.25 establishment and enhancement guidelines
32.26 and include an appropriate diversity of
32.27 native species selected to provide habitat for
32.28 pollinators throughout the growing season as
32.29 required under Minnesota Statutes, section
32.30 84.973.

32.31 (c) For all restorations conducted with money
32.32 appropriated under this section, a recipient
32.33 must prepare an ecological restoration
32.34 and management plan that, to the degree
32.35 practicable, is consistent with the highest

33.1 quality conservation and ecological goals for
33.2 the restoration site. Consideration should
33.3 be given to soil, geology, topography, and
33.4 other relevant factors that would provide
33.5 the best chance for long-term success and
33.6 durability of the restoration projects. The
33.7 plan must include the proposed timetable
33.8 for implementing the restoration, including
33.9 site preparation, establishment of diverse
33.10 plant species, maintenance, and additional
33.11 enhancement to establish the restoration;
33.12 identify long-term maintenance and
33.13 management needs of the restoration and
33.14 how the maintenance, management, and
33.15 enhancement will be financed; and take
33.16 advantage of the best available science and
33.17 include innovative techniques to achieve the
33.18 best restoration.

33.19 (d) An entity receiving an appropriation in
33.20 this section for restoration activities must
33.21 provide an initial restoration evaluation
33.22 at the completion of the appropriation
33.23 and an evaluation three years beyond the
33.24 completion of the expenditure. Restorations
33.25 must be evaluated relative to the stated
33.26 goals and standards in the restoration plan,
33.27 current science, and, when applicable, the
33.28 Board of Water and Soil Resources' native
33.29 vegetation establishment and enhancement
33.30 guidelines. The evaluation must determine
33.31 whether the restorations are meeting planned
33.32 goals, identify any problems with the
33.33 implementation of the restorations, and,
33.34 if necessary, give recommendations on
33.35 improving restorations. The evaluation must
33.36 be focused on improving future restorations.

34.1 (e) All restoration and enhancement projects
34.2 funded with money appropriated in this
34.3 section must be on land permanently
34.4 protected by a conservation easement or
34.5 public ownership.

34.6 (f) A recipient of money from an
34.7 appropriation under this section must
34.8 give consideration to contracting with
34.9 Conservation Corps Minnesota for contract
34.10 restoration and enhancement services.

34.11 (g) All conservation easements acquired with
34.12 money appropriated under this section must:

34.13 (1) be permanent;
34.14 (2) specify the parties to an easement in the
34.15 easement;

34.16 (3) specify all of the provisions of an
34.17 agreement that are permanent;

34.18 (4) be sent to the Legislative-Citizen
34.19 Commission on Minnesota Resources in an
34.20 electronic format at least ten business days
34.21 prior to closing;

34.22 (5) include a long-term monitoring and
34.23 enforcement plan and funding for monitoring
34.24 and enforcing the easement agreement; and

34.25 (6) include requirements in the easement
34.26 document to address specific groundwater
34.27 and surface water quality protection activities
34.28 such as keeping water on the landscape,
34.29 reducing nutrient and contaminant loading,
34.30 protecting groundwater, and not permitting
34.31 artificial hydrological modifications.

34.32 (h) For any acquisition of lands or interest
34.33 in lands, a recipient of money appropriated
34.34 under this section shall not agree to pay

35.1 more than 100 percent of the appraised value
35.2 for a parcel of land using this money to
35.3 complete the purchase, in part or in whole,
35.4 except that up to ten percent above the
35.5 appraised value may be allowed to complete
35.6 the purchase, in part or in whole, using this
35.7 money if permission is received in advance
35.8 of the purchase from the Legislative-Citizen
35.9 Commission on Minnesota Resources.

35.10 (i) For any acquisition of land or interest in
35.11 land, a recipient of money appropriated under
35.12 this section must give priority to high-quality
35.13 natural resources or conservation lands that
35.14 provide natural buffers to water resources.

35.15 (j) For new lands acquired with money
35.16 appropriated under this section, a recipient
35.17 must prepare an ecological restoration
35.18 and management plan in compliance with
35.19 paragraph (c), including sufficient funding
35.20 for implementation unless the work plan
35.21 addresses why a portion of the money is
35.22 not necessary to achieve a high-quality
35.23 restoration.

35.24 (k) To ensure public accountability for
35.25 the use of public funds, within 60 days
35.26 of the transaction, a recipient of money
35.27 appropriated under this section must provide
35.28 to the Legislative-Citizen Commission on
35.29 Minnesota Resources documentation of the
35.30 selection process used to identify parcels
35.31 acquired and provide documentation of all
35.32 related transaction costs, including but not
35.33 limited to appraisals, legal fees, recording
35.34 fees, commissions, other similar costs,
35.35 and donations. This information must be

36.1 provided for all parties involved in the
36.2 transaction. The recipient must also report
36.3 to the Legislative-Citizen Commission on
36.4 Minnesota Resources any difference between
36.5 the acquisition amount paid to the seller and
36.6 the state-certified or state-reviewed appraisal,
36.7 if a state-certified or state-reviewed appraisal
36.8 was conducted.

36.9 (l) A recipient of an appropriation from
36.10 the trust fund under this section must
36.11 acknowledge financial support from
36.12 the Minnesota environment and natural
36.13 resources trust fund in project publications,
36.14 signage, and other public communications
36.15 and outreach related to work completed
36.16 using the appropriation. Acknowledgement
36.17 may occur, as appropriate, through use of
36.18 the trust fund logo or inclusion of language
36.19 attributing support from the trust fund. Each
36.20 direct recipient of money appropriated in
36.21 this section, as well as each recipient of a
36.22 grant awarded pursuant to this section, must
36.23 satisfy all reporting and other requirements
36.24 incumbent upon constitutionally dedicated
36.25 funding recipients as provided in Minnesota
36.26 Statutes, section 3.303, subdivision 10, and
36.27 chapter 116P.

36.28 **Subd. 14. Payment Conditions and Capital**
36.29 **Equipment Expenditures**

36.30 (a) All agreements, grants, or contracts
36.31 referred to in this section must be
36.32 administered on a reimbursement basis
36.33 unless otherwise provided in this section.
36.34 Notwithstanding Minnesota Statutes, section
36.35 16A.41, expenditures made on or after
36.36 July 1, 2015, or the date the work plan is

37.1 approved, whichever is later, are eligible for
37.2 reimbursement unless otherwise provided
37.3 in this section. Periodic payment must be
37.4 made upon receiving documentation that
37.5 the deliverable items articulated in the
37.6 approved work plan have been achieved,
37.7 including partial achievements as evidenced
37.8 by approved progress reports. Reasonable
37.9 amounts may be advanced to projects to
37.10 accommodate cash flow needs or match
37.11 federal money. The advances must be
37.12 approved as part of the work plan. No
37.13 expenditures for capital equipment are
37.14 allowed unless expressly authorized in the
37.15 project work plan.

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

37.18 Subd. 15. **Purchase of Recycled and Recyclable**
37.19 **Materials**

37.20 A political subdivision, public or private
37.21 corporation, or other entity that receives an
37.22 appropriation under this section must use the
37.23 appropriation in compliance with Minnesota
37.24 Statutes, section 16C.0725, regarding
37.25 purchase of recycled, repairable, and durable
37.26 materials; and Minnesota Statutes, section
37.27 16C.073, regarding purchase and use of
37.28 paper stock and printing.

37.29 Subd. 16. **Energy Conservation and**
37.30 **Sustainable Building Guidelines**

37.31 A recipient to whom an appropriation is made
37.32 under this section for a capital improvement
37.33 project must ensure that the project complies
37.34 with the applicable energy conservation and
37.35 sustainable building guidelines and standards
37.36 contained in law, including Minnesota

38.1 Statutes, sections 16B.325, 216C.19, and
38.2 216C.20, and rules adopted under those
38.3 sections. The recipient may use the energy
38.4 planning, advocacy, and State Energy Office
38.5 units of the Department of Commerce to
38.6 obtain information and technical assistance
38.7 on energy conservation and alternative
38.8 energy development relating to the planning
38.9 and construction of the capital improvement
38.10 project.

38.11 Subd. 17. **Accessibility**

38.12 Structural and nonstructural facilities must
38.13 meet the design standards in the Americans
38.14 with Disabilities Act (ADA) accessibility
38.15 guidelines.

38.16 Subd. 18. **Carryforward**

38.17 (a) The availability of the appropriations for
38.18 the following projects are extended to June
38.19 30, 2016:

38.20 (1) Laws 2013, chapter 52, section 2,
38.21 subdivision 4, paragraph (l), Restorations
38.22 Evaluations;

38.23 (2) Laws 2013, chapter 52, section 2,
38.24 subdivision 6, paragraph (b), Detecting and
38.25 Monitoring Certain Carp Populations; and

38.26 (3) Laws 2011, First Special Session
38.27 chapter 2, article 3, section 2, subdivision
38.28 4, paragraph (g), Minnesota River Valley
38.29 Green Corridor Scientific and Natural Area
38.30 Acquisition.

38.31 (b) The availability of the appropriations for
38.32 the following projects are extended to June
38.33 30, 2017:

39.1 (1) Laws 2013, chapter 52, section 2,
 39.2 subdivision 5, paragraph (e), Measuring
 39.3 Hydrologic Benefits from Glacial Ridge
 39.4 Habitat Restoration; and
 39.5 (2) Laws 2014, chapter 226, section 2,
 39.6 subdivision 3, paragraph (m), Measuring
 39.7 Hydrologic Benefits from Glacial Ridge
 39.8 Habitat Restoration.
 39.9 (c) The availability of the appropriation for
 39.10 the following project is extended to June
 39.11 30, 2019: Laws 2014, chapter 226, section
 39.12 2, subdivision 6, paragraph (a), Enhancing
 39.13 Pollinator Landscapes.
 39.14 (d) The following project may be extended
 39.15 statewide: Laws 2014, chapter 226, section
 39.16 2, subdivision 9, paragraph (c), Urban
 39.17 Environmental Education Engaging Students
 39.18 in Local Resources.
 39.19 Subd. 19. **Pollinator and Butterfly Habitat**
 39.20 When feasible, a recipient of money
 39.21 appropriated in this section is encouraged
 39.22 to use conservation practices that promote
 39.23 butterfly and other pollinator habitat on land
 39.24 acquired in fee with money appropriated
 39.25 in this section, including planting and
 39.26 maintaining vegetation beneficial to
 39.27 butterflies and other pollinators and
 39.28 minimizing the use of pesticides.

39.29 Sec. 3. Minnesota Statutes 2014, section 116P.05, subdivision 2, is amended to read:

39.30 Subd. 2. **Duties.** (a) The commission shall recommend an annual or biennial
 39.31 legislative bill for appropriations from the environment and natural resources trust fund and
 39.32 shall adopt a strategic plan as provided in section 116P.08. Approval of the recommended
 39.33 legislative bill requires an affirmative vote of at least 12 members of the commission.

(b) It is a condition of acceptance of the appropriations made from the Minnesota environment and natural resources trust fund, and oil overcharge money under section 4.071, subdivision 2, that the agency or entity receiving the appropriation must submit a work plan and semiannual progress reports in the form determined by the Legislative-Citizen Commission on Minnesota Resources, and comply with applicable reporting requirements under section 116P.16. None of the money provided may be spent unless the commission has approved the pertinent work plan. Modifications to the approved work plan and budget expenditures shall be made through the amendment process established by the commission. The commission shall ensure that the expenditures and outcomes described in the work plan for appropriations funded by the environment and natural resources trust fund are met.

(c) The peer review ~~panel~~ procedures created under section 116P.08 must also be used to review, comment, and report to the commission on research proposals applying for an appropriation from the oil overcharge money under section 4.071, subdivision 2.

(d) The commission may adopt operating procedures to fulfill its duties under this chapter.

(e) As part of the operating procedures, the commission shall:

(1) ensure that members' expectations are to participate in all meetings related to funding decision recommendations;

(2) recommend adequate funding for increased citizen outreach and communications for trust fund expenditure planning;

(3) allow administrative expenses as part of individual project expenditures based on need;

(4) provide for project outcome evaluation;

(5) keep the grant application, administration, and review process as simple as possible; and

(6) define and emphasize the leveraging of additional sources of money that project proposers should consider when making trust fund proposals.

Sec. 4. Minnesota Statutes 2014, section 116P.08, subdivision 5, is amended to read:

Subd. 5. **Public meetings.** (a) Meetings of the commission, committees or subcommittees of the commission, technical advisory committees, and peer review ~~panels~~ reviewers must be open to the public. The commission shall attempt to meet throughout various regions of the state during each biennium. For purposes of this subdivision, a meeting occurs when a quorum is present and action is taken regarding a matter within

41.1 the jurisdiction of the commission, a committee or subcommittee of the commission, a
41.2 technical advisory committee, or a peer review ~~panel~~ reviewers.

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

41.6 Sec. 5. Minnesota Statutes 2014, section 116P.08, subdivision 6, is amended to read:

41.7 Subd. 6. **Peer review.** (a) Research proposals must include a stated purpose directly
41.8 connected to the trust fund's constitutional mandate, this chapter, and the adopted strategic
41.9 plan under subdivision 3, a timeline, potential outcomes, and an explanation of the need
41.10 for the research. All research proposals must be peer reviewed ~~by a peer review panel~~
41.11 before receiving an appropriation.

41.12 (b) In conducting research proposal reviews, the peer review ~~panel~~ reviewers shall:

41.13 (1) comment on the methodology proposed and whether it can be expected to yield
41.14 appropriate and useful information and data; and

41.15 (2) comment on the need for the research and about similar existing information
41.16 available, if any; ~~and~~.

41.17 ~~(3) report to the commission on clauses (1) and (2)~~ (c) Peer reviewers' comments
41.18 under paragraph (b) must be reported to the commission.

41.19 ~~(e) (d)~~ The peer review panel also must reviewers may review completed research
41.20 proposals that have received an appropriation and comment and report upon whether the
41.21 project reached the intended goals.

41.22 Sec. 6. Minnesota Statutes 2014, section 116P.08, subdivision 7, is amended to read:

41.23 Subd. 7. **Peer review ~~panel membership~~ reviewers.** (a) The peer review ~~panel~~
41.24 reviewers must ~~consist of at least five members who are~~ be knowledgeable in general
41.25 research methods in the areas of environment and natural resources. ~~Not more than two~~
41.26 ~~members of the panel may be employees of state agencies in Minnesota.~~

41.27 (b) ~~The commission shall select a chair every two years who shall be responsible for~~
41.28 ~~convening meetings of the panel as often as is necessary to fulfill its duties as prescribed~~
41.29 ~~in this section.~~ Compensation of ~~panel members~~ peer reviewers is governed by section
41.30 15.059, subdivision 3.

41.31 Sec. 7. Minnesota Statutes 2014, section 116P.09, subdivision 1, is amended to read:

41.32 Subdivision 1. **Administrative authority.** The ~~commission~~ Legislative Coordinating
41.33 Commission may appoint legal ~~and other~~ personnel and contract with consultants

42.1 necessary to ~~carry out~~ support the functions and duties of the commission. ~~Permanent~~
42.2 Employees shall be in the unclassified service. In addition, the commission may request
42.3 staff assistance and data from any other agency of state government as needed for the
42.4 execution of the responsibilities of the commission and an agency must promptly furnish it.

42.5 **EFFECTIVE DATE.** This section is effective the day following final enactment.

42.6 Sec. 8. Minnesota Statutes 2014, section 116P.09, subdivision 6, is amended to read:

42.7 Subd. 6. **Conflict of interest.** A commission member, a technical advisory
42.8 committee member, a peer review ~~panelist~~ reviewer, or an employee of the commission
42.9 may not participate in or vote on a decision of the commission, advisory committee, or
42.10 peer review ~~panel~~ relating to an organization in which the member, ~~panelist~~ peer reviewer,
42.11 or employee has either a direct or indirect personal financial interest. While serving on the
42.12 commission, technical advisory committee, ~~or as a peer review panel reviewer~~, or being
42.13 an employee of the commission, a person shall avoid any potential conflict of interest.

42.14 Sec. 9. Minnesota Statutes 2014, section 116P.09, subdivision 8, is amended to read:

42.15 Subd. 8. **Technical advisory committees.** The commission shall make use of
42.16 available public and private expertise on environment and natural resource issues ~~by~~
42.17 ~~appointing~~ and may appoint necessary technical advisory committees to review funding
42.18 proposals and evaluate project outcomes. Compensation for technical advisory committee
42.19 members is governed by section 15.059, subdivision 6.