

SENATE STATE OF MINNESOTA NINETIETH SESSION

S.F. No. 550

(SENATE AUTHORS: WESTROM, Dahms, Dziedzic, Tomassoni and Hoffman)

Table with columns: DATE, D-PG, OFFICIAL STATUS. Rows include dates from 02/02/2017 to 05/22/2017 and corresponding bill numbers and actions.

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 requirements for receipt of fund money; amending
1.4 Minnesota Statutes 2016, sections 116P.05, subdivision 2; 116P.08, subdivision
1.5 1; 116P.17, subdivision 1.

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 agencies
1.9 and for the purposes specified in this act. The appropriations are from the environment and
1.10 natural resources trust fund, or another named fund, and are available for the fiscal years
1.11 indicated for each purpose. The figures "2017," "2018," and "2019" used in this act mean
1.12 that the appropriations listed under them are available for the fiscal year ending June 30,
1.13 2017, June 30, 2018, or June 30, 2019, respectively. "The first year" is fiscal year 2018.
1.14 "The second year" is fiscal year 2019. "The biennium" is fiscal years 2018 and 2019.
1.15 Appropriations for fiscal year 2017 are available the day following final enactment.

1.16 APPROPRIATIONS

1.17 Available for the Year

1.18 Ending June 30

1.19 2017 2018 2019

1.20 Sec. 2. MINNESOTA RESOURCES

1.21 Subdivision 1. Total

1.22 Appropriation \$ 8,428,000 \$ 50,733,000 \$ 5,089,000

2.1 The amounts that may be spent for each
 2.2 purpose are specified in the following
 2.3 subdivisions. Appropriations for fiscal years
 2.4 2018 and 2019 are available for two years
 2.5 beginning July 1, 2017, for fiscal year 2018
 2.6 appropriations and beginning July 1, 2018, for
 2.7 fiscal year 2019 appropriations, unless
 2.8 otherwise stated in the appropriation. Any
 2.9 unencumbered balance remaining in the first
 2.10 year does not cancel and is available for the
 2.11 second year or until the end of the
 2.12 appropriation. Appropriations for fiscal year
 2.13 2017 are available until June 30, 2018, unless
 2.14 otherwise stated in the 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 the Minnesota Constitution,
 2.19 article XI, section 14.

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

2,000,000

7,872,000

89,000

2.23 **(a) County Geologic Atlases - Continuation**

2.24 \$2,000,000 in fiscal year 2017 is from the trust
 2.25 fund to the Board of Regents of the University
 2.26 of Minnesota, Minnesota Geological Survey,
 2.27 to continue acceleration of the production of
 2.28 county geologic atlases for the purpose of
 2.29 sustainable management of surface water and
 2.30 groundwater resources. This appropriation is
 2.31 to complete Part A of county geologic atlases,
 2.32 which focuses on the properties and
 2.33 distribution of earth materials in order to
 2.34 define aquifer boundaries and the connection
 2.35 of aquifers to the land surface and surface
 2.36 water resources. This appropriation is

3.1 available until June 30, 2020, by which time
3.2 the project must be completed and final
3.3 products delivered.

3.4 **(b) Assessment of Public Benefits of Protecting**
3.5 **Source Water**

3.6 \$320,000 the first year is from the trust fund
3.7 to the Board of Regents of the University of
3.8 Minnesota to map and quantify source water
3.9 risks, determine ecosystem service valuation
3.10 of clean water, and provide analyses of equity
3.11 and community capacity to improve decisions
3.12 about the protection and management of
3.13 groundwater and surface water. This
3.14 appropriation is available until June 30, 2020,
3.15 by which time the project must be completed
3.16 and final products delivered.

3.17 **(c) Preserving Minnesota Prairie Plant Diversity**
3.18 **- Phase II**

3.19 \$900,000 the first year is from the trust fund
3.20 to the Board of Regents of the University of
3.21 Minnesota to continue collecting and
3.22 preserving germplasm of plants throughout
3.23 Minnesota's prairie region, study the microbial
3.24 effects that promote plant health, analyze local
3.25 adaptation, and evaluate the adaptive capacity
3.26 of prairie plant populations. This appropriation
3.27 is available until June 30, 2020, by which time
3.28 the project must be completed and final
3.29 products delivered.

3.30 **(d) Minnesota Biological Survey - Continuation**

3.31 \$2,900,000 the first year is from the trust fund
3.32 to the commissioner of natural resources for
3.33 continuation of the Minnesota biological
3.34 survey to provide a foundation for conserving
3.35 biological diversity by systematically
3.36 collecting, interpreting, monitoring, and

4.1 delivering data on plant and animal
4.2 distribution and ecology, native plant
4.3 communities, and functional landscapes. This
4.4 appropriation is available until June 30, 2020,
4.5 by which time the project must be completed
4.6 and final products delivered.

4.7 **(e) Minnesota Wildflowers Online Botanical**
4.8 **Reference - Phase II**

4.9 \$270,000 the first year is from the trust fund
4.10 to the commissioner of natural resources for
4.11 an agreement with Minnesota Wildflowers
4.12 Information to continue surveying and imaging
4.13 plant species and publishing species profiles
4.14 for a plant identification reference Web site
4.15 available to the public and land managers.
4.16 Images acquired and information compiled
4.17 using these funds are for purposes of public
4.18 information available on a Web site. If the
4.19 organization is no longer able to maintain the
4.20 Web site, the organization must work with the
4.21 state and the University of Minnesota, Bell
4.22 Museum of Natural History, to ensure the
4.23 materials remain publicly available on the
4.24 Web. This appropriation is available until June
4.25 30, 2020, by which time the project must be
4.26 completed and final products delivered.

4.27 **(f) Assessment of Microbes for Improving Wild**
4.28 **Rice Restoration**

4.29 \$334,000 the first year is from the trust fund
4.30 to the Board of Regents of the University of
4.31 Minnesota, Natural Resources Research
4.32 Institute, to evaluate the microbial
4.33 communities and nutrients associated with
4.34 wild rice and competing vegetation, with the
4.35 goal of enhancing restoration success to
4.36 increase the abundance of wild rice. This

5.1 appropriation is available until June 30, 2020,
5.2 by which time the project must be completed
5.3 and final products delivered.

5.4 **(g) Drainage Records Modernization Cost Share**
5.5 **- Phase II**

5.6 \$540,000 the first year is from the trust fund
5.7 to the Board of Water and Soil Resources to
5.8 facilitate statewide modernization of public
5.9 drainage records under Minnesota Statutes,
5.10 chapter 103E, and integrate new specifications
5.11 into existing drainage records modernization
5.12 guidelines through matching cost-share grants
5.13 to drainage authorities. This appropriation is
5.14 available until June 30, 2020, by which time
5.15 the project must be completed and final
5.16 products delivered.

5.17 **(h) Groundwater Contamination Mapping**

5.18 \$400,000 the first year is from the trust fund
5.19 to the commissioner of the Pollution Control
5.20 Agency to develop a Web-based interactive
5.21 map of groundwater contamination to improve
5.22 protection of groundwater resources for
5.23 drinking water. This appropriation is available
5.24 until June 30, 2020, by which time the project
5.25 must be completed and final products
5.26 delivered.

5.27 **(i) Landslide Susceptibility, Mapping, and**
5.28 **Management Tools**

5.29 \$500,000 the first year is from the trust fund
5.30 to the Board of Regents of the University of
5.31 Minnesota to create landslide susceptibility
5.32 maps using a landslide inventory and
5.33 quantitative analysis of LiDAR to provide
5.34 tools and data for mitigation and restoration
5.35 to reduce impacts on water resources. This
5.36 appropriation is available until June 30, 2020,

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

6.3 **(j) Moose Calf Surveys and Monitoring**

6.4 \$348,000 the first year is from the trust fund
6.5 to the Board of Regents of the University of
6.6 Minnesota to assess the use of unmanned
6.7 aerial vehicles in natural resource monitoring
6.8 of moose populations and changes in
6.9 ecosystems.

6.10 **(k) Cedar Creek Natural Area Wolf**
6.11 **Recolonization Assessment**

6.12 \$398,000 the first year is from the trust fund
6.13 to the Board of Regents of the University of
6.14 Minnesota, Cedar Creek Ecosystem Science
6.15 Reserve, to assess wolf recolonization impacts
6.16 on wildlife, biodiversity, and natural resources
6.17 and provide educational opportunities at Cedar
6.18 Creek Ecosystem Science Reserve. This
6.19 appropriation is available until June 30, 2020,
6.20 by which time the project must be completed
6.21 and final products delivered.

6.22 **(l) Effects of Wolf Predation on Beaver, Moose,**
6.23 **and Deer**

6.24 \$293,000 the first year is from the trust fund
6.25 to the commissioner of natural resources for
6.26 an agreement with Voyageurs National Park
6.27 to assess the effects of wolf predation on
6.28 beaver, moose, and deer in the Border Lakes
6.29 region. This appropriation is available until
6.30 June 30, 2020, by which time the project must
6.31 be completed and final products delivered.

6.32 **(m) Mapping Taxonomy and Environmental**
6.33 **Toxicology of Minnesota Freshwater Sponges**

6.34 \$258,000 the first year is from the trust fund
6.35 to the Board of Regents of the University of
6.36 Minnesota, Crookston, to determine freshwater

7.1 sponge distribution, identify and quantify
 7.2 accumulated contaminants, and provide
 7.3 educational research opportunities to
 7.4 undergraduate students. This appropriation is
 7.5 available until June 30, 2020, by which time
 7.6 the project must be completed and final
 7.7 products delivered.

7.8 **(n) Pollinator Research and Outreach**

7.9 \$411,000 the first year and \$89,000 the second
 7.10 year are from the trust fund to the Board of
 7.11 Regents of the University of Minnesota for
 7.12 pollinator research and outreach, including,
 7.13 but not limited to, science-based best practices
 7.14 and the identification and establishment of
 7.15 habitat beneficial to pollinators. This
 7.16 appropriation is available until June 30, 2020,
 7.17 by which time the project must be completed
 7.18 and final products delivered.

7.19	<u>Subd. 4. Water Resources</u>	<u>-0-</u>	<u>3,175,000</u>	<u>-0-</u>
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7.20 **(a) Assessment of Household Chemicals and**
 7.21 **Herbicides in Rivers and Lakes**

7.22 \$236,000 the first year is from the trust fund
 7.23 to the Board of Regents of the University of
 7.24 Minnesota to quantify environmental levels
 7.25 of household chemical and herbicide
 7.26 ingredients in rivers and lakes and assess their
 7.27 potential to form toxic by-products.

7.28 **(b) Wastewater Nitrogen Removal Technology**
 7.29 **to Protect Water Quality**

7.30 \$450,000 the first year is from the trust fund
 7.31 to the Board of Regents of the University of
 7.32 Minnesota to develop a technology for
 7.33 inexpensive low-energy nitrogen removal in
 7.34 wastewater. This appropriation is subject to
 7.35 Minnesota Statutes, section 116P.10. This
 7.36 appropriation is available until June 30, 2020,

8.1 by which time the project must be completed
8.2 and final products delivered.

8.3 **(c) Rearing Native Mussels for Reintroduction**
8.4 **and Expanding Water Quality Awareness**

8.5 \$591,000 the first year is from the trust fund
8.6 to the Minnesota Zoological Garden in
8.7 cooperation with the Department of Natural
8.8 Resources to accelerate the reintroduction of
8.9 native mussels into Minnesota rivers and
8.10 streams through expanded mussel rearing,
8.11 research, and statewide educational activities
8.12 promoting mussel conservation and water
8.13 quality. This appropriation is available until
8.14 June 30, 2020, by which time the project must
8.15 be completed and final products delivered.

8.16 **(d) Water Quality Monitoring in Southeastern**
8.17 **Minnesota Trout Streams**

8.18 \$500,000 the first year is from the trust fund
8.19 to the Board of Trustees of Minnesota State
8.20 Colleges and Universities, Winona State
8.21 University, to develop a system of biological
8.22 monitoring for water quality protection of trout
8.23 streams in southeastern Minnesota. This
8.24 appropriation is available until June 30, 2020,
8.25 by which time the project must be completed
8.26 and final products delivered.

8.27 **(e) Reassessing Toxicity of Petrochemical Spills**
8.28 **on Groundwater and Surface Waters**

8.29 \$300,000 the first year is from the trust fund
8.30 to the commissioner of natural resources for
8.31 an agreement with the University of St.
8.32 Thomas to reassess long-term effects of oil
8.33 spills through the analysis of chemical
8.34 parameters related to oil degradation and
8.35 evaluate the impacts on aquatic species,
8.36 groundwater, and surface waters. This

9.1 appropriation is available until June 30, 2021,
9.2 by which time the project must be completed
9.3 and final products delivered.

9.4 **(f) Assessment of Water Quality for Reuse**

9.5 \$148,000 the first year is from the trust fund
9.6 to the Board of Regents of the University of
9.7 Minnesota to collect and analyze pathogen
9.8 data for evaluation of water reuse in order to
9.9 maximize water reuse and protect groundwater
9.10 and surface water quality.

9.11 **(g) Identification of Chemicals of Emerging**
9.12 **Concern in Minnesota Fish**

9.13 \$400,000 the first year is from the trust fund
9.14 to the commissioner of natural resources for
9.15 an agreement with the Grand Portage Band of
9.16 Lake Superior Chippewa to identify chemicals
9.17 of emerging concern and metals in fish, water,
9.18 and sediments from approximately 30 water
9.19 bodies in northeastern Minnesota used for
9.20 subsistence harvest and recreation. This
9.21 appropriation is available until June 30, 2020,
9.22 by which time the project must be completed
9.23 and final products delivered.

9.24 **(h) Techniques for Water Storage Estimates in**
9.25 **Central Minnesota**

9.26 \$250,000 the first year is from the trust fund
9.27 to the Board of Regents of the University of
9.28 Minnesota to improve water storage estimates
9.29 in groundwater, soil moisture, streams, lakes,
9.30 and wetlands through integration of satellite
9.31 monitoring and ground-based measurements
9.32 in central Minnesota. This appropriation is
9.33 available until June 30, 2020, by which time
9.34 the project must be completed and final
9.35 products delivered.

10.1 **(i) Assessing Release of Mercury and Sulfur on**
 10.2 **Aquatic Communities**

10.3 \$300,000 the first year is from the trust fund
 10.4 to the Board of Regents of the University of
 10.5 Minnesota to determine the effects of
 10.6 increased temperatures on the release of
 10.7 mercury and sulfur from Minnesota peatlands
 10.8 to predict impacts on aquatic communities and
 10.9 fish health. This appropriation is available
 10.10 until June 30, 2020, by which time the project
 10.11 must be completed and final products
 10.12 delivered.

10.13 **Subd. 5. Environmental**
 10.14 **Education**

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2,988,000-0-

10.15 **(a) Connecting Youth to Minnesota Waterways**
 10.16 **through Outdoor Classrooms**

10.17 \$1,200,000 the first year is from the trust fund
 10.18 to the commissioner of natural resources for
 10.19 an agreement with Wilderness Inquiry to
 10.20 provide place-based environmental education
 10.21 science water experiences to approximately
 10.22 20,000 middle- and high-school students. This
 10.23 appropriation is available until June 30, 2020,
 10.24 by which time the project must be completed
 10.25 and final products delivered.

10.26 **(b) Increasing Diversity in Environmental**
 10.27 **Careers**

10.28 \$487,000 the first year is from the trust fund
 10.29 to the commissioner of natural resources in
 10.30 cooperation with Conservation Corps
 10.31 Minnesota and Iowa to encourage a diversity
 10.32 of students to pursue careers in environment
 10.33 and natural resources through internships and
 10.34 mentorships with the Department of Natural
 10.35 Resources, the Board of Water and Soil
 10.36 Resources, and the Pollution Control Agency.
 10.37 This appropriation is available until June 30,

11.1 2022, by which time the project must be
11.2 completed and final products delivered.

11.3 **(c) Interactive Water Resource Programs for**
11.4 **Planetariums in Minnesota**

11.5 \$500,000 the first year is from the trust fund
11.6 to the Board of Regents of the University of
11.7 Minnesota, Bell Museum of Natural History,
11.8 to create an interactive planetarium program
11.9 on water resources, reaching approximately
11.10 400,000 citizens statewide through the Bell
11.11 Museum Planetarium, St. Paul Public Schools,
11.12 Mayo High School, Mankato East High
11.13 School, Southwest Minnesota State University,
11.14 Minnesota State University Moorhead, and
11.15 University of Minnesota Duluth. This
11.16 appropriation is available until June 30, 2022,
11.17 by which time the project must be completed
11.18 and final products delivered.

11.19 **(d) Expanding Raptor Center Online Education**

11.20 \$270,000 the first year is from the trust fund
11.21 to the Board of Regents of the University of
11.22 Minnesota, Raptor Center, to provide
11.23 environmental education for approximately
11.24 15,000 middle-school students and 600
11.25 teachers, combining classroom learning and
11.26 outdoor experiences with technology,
11.27 scientific investigation of birds, and
11.28 conservation projects. This appropriation is
11.29 available until June 30, 2022, by which time
11.30 the project must be completed and final
11.31 products delivered.

11.32 **(e) Local Planning and Implementation Efforts**
11.33 **for Bird Habitat**

11.34 \$280,000 the first year is from the trust fund
11.35 to the commissioner of natural resources for
11.36 an agreement with the National Audubon

12.1 Society, Minnesota office, to engage
 12.2 approximately 60 communities and 400,000
 12.3 citizens in bird habitat improvement through
 12.4 local planning and implementation efforts
 12.5 using the National Audubon Bird City
 12.6 program. This appropriation is available until
 12.7 June 30, 2020, by which time the project must
 12.8 be completed and final products delivered.

12.9 **(f) Developing Youth Watershed Stewardship**
 12.10 **in Northwest Minnesota**

12.11 \$121,000 the first year is from the trust fund
 12.12 to the commissioner of natural resources for
 12.13 an agreement with the Headwaters Science
 12.14 Center to accelerate a multiyear environmental
 12.15 science club for middle-school students
 12.16 focused on water quality, watershed
 12.17 evaluation, and aquatic invasive species in
 12.18 northwestern Minnesota. This appropriation
 12.19 is available until June 30, 2020, by which time
 12.20 the project must be completed and final
 12.21 products delivered.

12.22 **(g) Increasing Residential Environmental**
 12.23 **Learning Center Opportunities**

12.24 \$130,000 the first year is from the trust fund
 12.25 to the commissioner of natural resources for
 12.26 an agreement with the Audubon Center of the
 12.27 North Woods to provide scholarship
 12.28 opportunities for a minimum of 1,000 students
 12.29 that are not currently served through other
 12.30 residential environmental education learning
 12.31 centers. This appropriation is available until
 12.32 June 30, 2020, by which time the project must
 12.33 be completed and final products delivered.

12.34 **Subd. 6. Aquatic and**

12.35 **Terrestrial Invasive Species** 2,700,000

2,021,000

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12.36 **(a) Aquatic Invasive Species Research Center -**
 12.37 **Phase II**

13.1 \$2,700,000 in fiscal year 2017 is from the trust
13.2 fund to the Board of Regents of the University
13.3 of Minnesota to support the Minnesota
13.4 Aquatic Invasive Species Research Center in
13.5 finding solutions to Minnesota's aquatic
13.6 invasive species problems through research,
13.7 control, prevention, and early detection of
13.8 existing and emerging aquatic invasive species
13.9 threats. This appropriation is available until
13.10 June 30, 2021, by which time the project must
13.11 be completed and final products delivered.

13.12 **(b) Emerald Ash Borer Biocontrol - Phase III**

13.13 \$729,000 the first year is from the trust fund
13.14 to the commissioner of agriculture in
13.15 cooperation with the Board of Regents of the
13.16 University of Minnesota to implement
13.17 biocontrol of emerald ash borer using a newly
13.18 approved parasitic wasp, assess the impact of
13.19 the statewide program, and engage citizen
13.20 volunteers. This appropriation is available
13.21 until June 30, 2020, by which time the project
13.22 must be completed and final products
13.23 delivered.

13.24 **(c) Invasive Bighead and Silver Carp and Native**
13.25 **Fish Evaluation - Phase II**

13.26 \$500,000 the first year is from the trust fund
13.27 to the commissioner of natural resources to
13.28 continue invasive bighead and silver carp
13.29 monitoring in the Mississippi River and
13.30 tributaries through advanced acoustic
13.31 telemetry and assess food chains to determine
13.32 how native species might prevent invasive
13.33 bighead and silver carp establishment. This
13.34 appropriation is available until June 30, 2020,
13.35 by which time the project must be completed
13.36 and final products delivered.

14.1 **(d) Adapting Stream Barriers to Remove**
 14.2 **Common Carp**

14.3 \$301,000 the first year is from the trust fund
 14.4 to the Board of Regents of the University of
 14.5 Minnesota to conduct field tests at existing
 14.6 barrier sites and laboratory experiments to
 14.7 adapt a technology to remove common carp
 14.8 from streams during carp spawning migrations
 14.9 in Minnesota.

14.10 **(e) Tactical Invasive Plant Management Plan**
 14.11 **Development**

14.12 \$296,000 the first year is from the trust fund
 14.13 to the commissioner of agriculture in
 14.14 cooperation with the Board of Regents of the
 14.15 University of Minnesota to develop regional
 14.16 priorities and an interagency action plan for
 14.17 invasive plant management to protect and
 14.18 promote habitat and native species. This
 14.19 appropriation is available until June 30, 2020,
 14.20 by which time the project must be completed
 14.21 and final products delivered.

14.22 **(f) Maximize Value of Water Impoundments to**
 14.23 **Wildlife**

14.24 \$195,000 the first year is from the trust fund
 14.25 to the commissioner of natural resources for
 14.26 an agreement with the National Audubon
 14.27 Society, Minnesota office, to control invasive
 14.28 hybrid cattails in water impoundments to
 14.29 improve habitat quality for migrating and
 14.30 breeding birds. This appropriation is available
 14.31 until June 30, 2020, by which time the project
 14.32 must be completed and final products
 14.33 delivered.

14.34 **Subd. 7. Air Quality, Climate**
 14.35 **Change, and Renewable**
 14.36 **Energy**

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3,250,000-0-

14.37 **(a) Extraction of Solar Thermal Energy in**
 14.38 **Minnesota**

15.1 \$250,000 the first year is from the trust fund
15.2 to the Board of Regents of the University of
15.3 Minnesota to develop new solar particle
15.4 receivers as a low-cost, high-efficiency, and
15.5 clean technology to absorb, store, and utilize
15.6 solar thermal energy. This appropriation is
15.7 subject to Minnesota Statutes, section 116P.10.
15.8 This appropriation is available until June 30,
15.9 2020, by which time the project must be
15.10 completed and final products delivered.

15.11 **(b) Assessment of Urban Air Quality**

15.12 \$700,000 the first year is from the trust fund
15.13 to the commissioner of the Pollution Control
15.14 Agency to set up and operate a network of 250
15.15 air pollution sensors at 50 sites to monitor fine
15.16 particles, ozone, nitrogen oxides, sulfur
15.17 dioxide, and carbon monoxide in each zip code
15.18 for the cities of Minneapolis and St. Paul to
15.19 assess variability of urban air pollution. This
15.20 appropriation is available until June 30, 2020,
15.21 by which time the project must be completed
15.22 and final products delivered.

15.23 **(c) Generation, Storage, and Utilization of Solar**
15.24 **Energy**

15.25 \$500,000 the first year is from the trust fund
15.26 to the Board of Regents of the University of
15.27 Minnesota, West Central Research and
15.28 Outreach Center, Morris, to develop and
15.29 demonstrate an integrated facility to generate
15.30 electricity, shade dairy cattle, and provide
15.31 energy storage and utilization from solar
15.32 technologies at the West Central Research and
15.33 Outreach Center, Morris. This appropriation
15.34 is available until June 30, 2020, by which time
15.35 the project must be completed and final
15.36 products delivered.

16.1 **(d) District Heating with Renewable Biomass at**
 16.2 **Camp Ripley Training Center**

16.3 \$1,000,000 the first year is from the trust fund
 16.4 to the commissioner of military affairs to
 16.5 install a 5,000,000-BTU centralized biomass
 16.6 boiler system utilizing the forestry
 16.7 management at Camp Ripley. This
 16.8 appropriation must be matched by at least
 16.9 \$900,000 of nonstate money and must be
 16.10 committed by December 31, 2017. This
 16.11 appropriation is available until June 30, 2020,
 16.12 by which time the project must be completed
 16.13 and final products delivered.

16.14 **(e) Geotargeted Distributed Clean Energy**
 16.15 **Initiative**

16.16 \$800,000 the first year is from the trust fund
 16.17 to the commissioner of natural resources for
 16.18 an agreement with the Center for Energy and
 16.19 Environment. Of this amount, \$600,000 is for
 16.20 analysis of community-distributed clean
 16.21 energy investments as alternatives to utility
 16.22 capital investments for transmission and
 16.23 distribution upgrades to meet forecasted
 16.24 electrical loads, and \$200,000 is to conduct
 16.25 pilot programs using energy efficiency and
 16.26 other distributed energy resources to achieve
 16.27 forecasted electric energy loads in
 16.28 communities. The appropriation for pilot
 16.29 programs is contingent on a \$200,000 match
 16.30 of an equal or greater amount of nonstate
 16.31 money. This appropriation is available until
 16.32 June 30, 2020, by which time the project must
 16.33 be completed and final products delivered.

16.34 **Subd. 8. Methods to Protect**
 16.35 **or Restore Land, Water, and**
 16.36 **Habitat**

2,729,000

16,554,000

5,000,000

17.1 **(a) Optimizing the Nutrition of Roadside Plants**
17.2 **for Pollinators**

17.3 \$815,000 the first year is from the trust fund
17.4 to the Board of Regents of the University of
17.5 Minnesota in cooperation with the
17.6 Departments of Agriculture, Natural
17.7 Resources, and Transportation and the Board
17.8 of Water and Soil Resources to produce
17.9 site-specific recommendations for roadside
17.10 plantings in Minnesota to maximize the
17.11 nutritional health of native bees and monarch
17.12 butterflies that rely on roadside habitat
17.13 corridors. This appropriation is available until
17.14 June 30, 2020, by which time the project must
17.15 be completed and final products delivered.

17.16 **(b) Promoting Conservation Biocontrol of**
17.17 **Beneficial Insects**

17.18 \$400,000 the first year is from the trust fund
17.19 to the Board of Regents of the University of
17.20 Minnesota to research integrated pest
17.21 management strategies, including insecticide
17.22 alternatives, and overwintering habitat sites
17.23 to conserve beneficial insects, including bees,
17.24 butterflies, and predator insects. The integrated
17.25 pest management strategies will be used to
17.26 develop best management practices to increase
17.27 pollinator and beneficial insect diversity and
17.28 abundance in various restored habitats. This
17.29 appropriation is available until June 30, 2020,
17.30 by which time the project must be completed
17.31 and final products delivered.

17.32 **(c) Evaluating the Use of Bison to Restore and**
17.33 **Preserve Savanna Habitat**

17.34 \$388,000 the first year is from the trust fund
17.35 to the Board of Regents of the University of
17.36 Minnesota, Cedar Creek Ecosystem Science

18.1 Reserve, to research combined bison grazing
18.2 and fire management strategies to restore
18.3 Minnesota's oak savanna ecosystems. This
18.4 appropriation is available until June 30, 2020,
18.5 by which time the project must be completed
18.6 and final products delivered.

18.7 **(d) State Park Pollinator Habitat Restoration**

18.8 \$672,000 the first year is from the trust fund
18.9 to the commissioner of natural resources to
18.10 restore at least 520 acres of monarch butterfly
18.11 and other native pollinator habitats in at least
18.12 seven state parks in the Minnesota Prairie
18.13 Conservation Plan core areas and establish
18.14 pollinator plantings and interpretive exhibits
18.15 in at least ten state parks. This appropriation
18.16 is available until June 30, 2021, by which time
18.17 the project must be completed and final
18.18 products delivered.

18.19 **(e) Enhancing Spawning Habitat Restoration in**
18.20 **Minnesota Lakes**

18.21 \$294,000 the first year is from the trust fund
18.22 to the Board of Regents of the University of
18.23 Minnesota, St. Anthony Falls Laboratory, in
18.24 cooperation with the Department of Natural
18.25 Resources to enhance efforts to increase
18.26 natural reproduction of fish in Minnesota lakes
18.27 by assessing wave energy impacts on
18.28 near-shore spawning habitat. This
18.29 appropriation is available until June 30, 2020,
18.30 by which time the project must be completed
18.31 and final products delivered.

18.32 **(f) Prescribed-Fire Management for Roadside**
18.33 **Prairies**

18.34 \$345,000 the first year is from the trust fund
18.35 to the commissioner of transportation to
18.36 enhance the prescribed-fire program to manage

19.1 roadsides to protect and increase biodiversity
19.2 and pollinator habitat. This appropriation is
19.3 available until June 30, 2020, by which time
19.4 the project must be completed and final
19.5 products delivered.

19.6 **(g) Minnesota Bee and Beneficial Species Habitat**
19.7 **Restoration**

19.8 \$732,000 the first year is from the trust fund
19.9 to the commissioner of natural resources for
19.10 an agreement with Pheasants Forever in
19.11 cooperation with the University of Minnesota
19.12 and the Minnesota Honey Producers
19.13 Association to restore approximately 800 acres
19.14 of permanently protected land to enhance bee,
19.15 butterfly, beneficial insect, and grassland bird
19.16 habitats. This appropriation is available until
19.17 June 30, 2021, by which time the project must
19.18 be completed and final products delivered.

19.19 **(h) Mississippi and Vermillion Rivers**
19.20 **Restoration of Prairie, Savanna, and Forest**
19.21 **Habitat - Phase X**

19.22 \$213,000 the first year is from the trust fund
19.23 to the commissioner of natural resources for
19.24 an agreement with Friends of the Mississippi
19.25 River for continued implementation of the
19.26 Metro Conservation Corridors partnership by
19.27 improving at least 80 acres of habitat at
19.28 approximately seven sites along the
19.29 Mississippi River and Vermillion River
19.30 corridors. Expenditures are limited to the
19.31 identified project corridor areas as defined in
19.32 the work plan. A list of proposed restoration
19.33 sites must be provided as part of the required
19.34 work plan. Plant and seed materials must
19.35 follow the Board of Water and Soil Resources'
19.36 native vegetation establishment and
19.37 enhancement guidelines. This appropriation

20.1 is available until June 30, 2020, by which time
20.2 the project must be completed and final
20.3 products delivered.

20.4 **(i) Community Stewardship to Restore Urban**
20.5 **Natural Resources - Phase X**

20.6 \$524,000 the first year is from the trust fund
20.7 to the commissioner of natural resources for
20.8 an agreement with Great River Greening to
20.9 work with volunteers for continued
20.10 implementation of the Metro Conservation
20.11 Corridors partnership to restore approximately
20.12 250 acres of forest, prairie, woodland, wetland,
20.13 and shoreline throughout the greater Twin
20.14 Cities metropolitan area. Expenditures are
20.15 limited to the identified project corridor areas
20.16 as defined in the work plan. A list of proposed
20.17 restoration sites and evaluations must be
20.18 provided as part of the required work plan.

20.19 Plant and seed materials must follow the Board
20.20 of Water and Soil Resources' native vegetation
20.21 establishment and enhancement guidelines.

20.22 This appropriation is available until June 30,
20.23 2020, by which time the project must be
20.24 completed and final products delivered.

20.25 **(j) Economic Assessment of Precision**
20.26 **Conservation and Agriculture**

20.27 \$400,000 the first year is from the trust fund
20.28 to the commissioner of natural resources for
20.29 an agreement with Pheasants Forever to
20.30 demonstrate a new approach to promote
20.31 conservation practices utilizing
20.32 return-on-investment analysis and identifying
20.33 revenue-negative acres on agricultural land to
20.34 assist farmers in implementing conservation
20.35 practices that will provide environmental and
20.36 economic benefits. This appropriation is

21.1 available until June 30, 2020, by which time
 21.2 the project must be completed and final
 21.3 products delivered.

21.4 **(k) Conservation Reserve Enhancement**
 21.5 **Program (CREP) Outreach and Implementation**

21.6 \$6,000,000 the first year is from the trust fund
 21.7 to the Board of Water and Soil Resources to
 21.8 fund staff at soil and water conservation
 21.9 districts to assist landowners participating in
 21.10 the federal Conservation Reserve
 21.11 Enhancement Program. This appropriation is
 21.12 contingent upon receipt of federal funds for
 21.13 implementation. This appropriation is
 21.14 available until June 30, 2020, by which time
 21.15 the project must be completed and final
 21.16 products delivered.

21.17 **(l) Conservation Reserve Enhancement Program**
 21.18 **(CREP)**

21.19 \$2,729,000 in fiscal year 2017 and \$5,771,000
 21.20 the first year and \$5,000,000 the second year
 21.21 are from the trust fund to the Board of Water
 21.22 and Soil Resources to acquire permanent
 21.23 conservation easements and restore land under
 21.24 Minnesota Statutes, section 103F.515. This
 21.25 work may be done in cooperation with the
 21.26 federal Conservation Reserve Enhancement
 21.27 Program. This appropriation is available until
 21.28 June 30, 2021, by which time the project must
 21.29 be completed and final products delivered.

21.30 **Subd. 9. Land Acquisition,**

21.31 **Habitat, and Recreation** 999,000

13,533,000

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21.32 **(a) Metropolitan Regional Parks System Land**
 21.33 **Acquisition**

21.34 \$1,500,000 the first year is from the trust fund
 21.35 to the Metropolitan Council for grants to
 21.36 acquire approximately 197 acres of land within
 21.37 the approved park boundaries of the

22.1 metropolitan regional park system. This
22.2 appropriation may not be used to purchase
22.3 habitable residential structures. A list of
22.4 proposed fee title acquisitions must be
22.5 provided as part of the required work plan.
22.6 This appropriation must be matched by at least
22.7 40 percent of nonstate money that must be
22.8 committed by December 31, 2017. This
22.9 appropriation is available until June 30, 2020,
22.10 by which time the project must be completed
22.11 and final products delivered.

22.12 **(b) Scientific and Natural Areas Acquisition and**
22.13 **Restoration, Citizen Science, and Engagement**

22.14 \$2,500,000 the first year is from the trust fund
22.15 to the commissioner of natural resources to
22.16 acquire at least 250 acres of land with
22.17 high-quality native plant communities and rare
22.18 features to be established as scientific and
22.19 natural areas as provided in Minnesota
22.20 Statutes, section 86A.05, subdivision 5, restore
22.21 and improve at least 1,000 acres of scientific
22.22 and natural areas, and provide technical
22.23 assistance and outreach, including site steward
22.24 events. At least one-third of the appropriation
22.25 must be spent on restoration activities. A list
22.26 of proposed acquisitions and restorations must
22.27 be provided as part of the required work plan.
22.28 Land acquired with this appropriation must
22.29 be sufficiently improved to meet at least
22.30 minimum management standards, as
22.31 determined by the commissioner of natural
22.32 resources. When feasible, consideration must
22.33 be given to accommodate trails on lands
22.34 acquired. This appropriation is available until
22.35 June 30, 2020, by which time the project must
22.36 be completed and final products delivered.

23.1 **(c) Minnesota State Parks and State Trails Land**
23.2 **Acquisition**

23.3 \$1,500,000 the first year is from the trust fund
23.4 to the commissioner of natural resources to
23.5 acquire approximately 373 acres from willing
23.6 sellers for authorized state trails and critical
23.7 parcels within the statutory boundaries of state
23.8 parks. State park land acquired with this
23.9 appropriation must be sufficiently improved
23.10 to meet at least minimum management
23.11 standards, as determined by the commissioner
23.12 of natural resources. A list of proposed
23.13 acquisitions must be provided as part of the
23.14 required work plan. This appropriation is
23.15 available until June 30, 2020, by which time
23.16 the project must be completed and final
23.17 products delivered.

23.18 **(d) Minnesota State Trails Acquisition,**
23.19 **Development, and Enhancement**

23.20 \$999,000 in fiscal year 2017 and \$39,000 the
23.21 first year are from the trust fund to the
23.22 commissioner of natural resources for state
23.23 trail acquisition, development, and
23.24 enhancement in southern Minnesota. A
23.25 proposed list of trail projects on authorized
23.26 state trails must be provided as part of the
23.27 required work plan. This appropriation is
23.28 available until June 30, 2020, by which time
23.29 the project must be completed and final
23.30 products delivered.

23.31 **(e) Native Prairie Stewardship and Prairie Bank**
23.32 **Easement Acquisition**

23.33 \$2,675,000 the first year is from the trust fund
23.34 to the commissioner of natural resources to
23.35 acquire native prairie bank easements in
23.36 accordance with Minnesota Statutes, section

24.1 84.96, on approximately 335 acres, prepare
24.2 baseline property assessments, restore and
24.3 enhance at least 570 acres of native prairie
24.4 sites, and provide technical assistance to
24.5 landowners. Of this amount, up to \$132,000
24.6 may be deposited in a conservation easement
24.7 stewardship account. Deposits into the
24.8 conservation easement stewardship account
24.9 must be made upon closing on conservation
24.10 easements or at a time otherwise approved in
24.11 the work plan. A list of proposed easement
24.12 acquisitions must be provided as part of the
24.13 required work plan. This appropriation is
24.14 available until June 30, 2020, by which time
24.15 the project must be completed and final
24.16 products delivered.

24.17 **(f) Leech Lake Acquisition**

24.18 \$1,500,000 the first year is from the trust fund
24.19 to the commissioner of natural resources for
24.20 an agreement with the Leech Lake Band of
24.21 Ojibwe to acquire approximately 45 acres,
24.22 including 0.67 miles of shoreline of
24.23 high-quality aquatic and wildlife habitat at the
24.24 historic meeting place between Henry
24.25 Schoolcraft and the Anishinabe people. The
24.26 land must be open to public use including
24.27 hunting and fishing. The band must provide a
24.28 commitment that land will not be put in a
24.29 federal trust through the Bureau of Indian
24.30 Affairs.

24.31 **(g) Mesabi Trail Development**

24.32 \$2,269,000 the first year is from the trust fund
24.33 to the commissioner of natural resources for
24.34 an agreement with the St. Louis and Lake
24.35 Counties Regional Railroad Authority for

25.1 engineering and constructing segments of the
 25.2 Mesabi Trail. This appropriation is available
 25.3 until June 30, 2020, by which time the project
 25.4 must be completed and final products
 25.5 delivered.

25.6 **(h) Tower Trailhead Boat Landing and Habitat**
 25.7 **Improvement - Phase II**

25.8 \$600,000 the first year is from the trust fund
 25.9 to the commissioner of natural resources for
 25.10 an agreement with the city of Tower to
 25.11 construct a trailhead and boat landing and
 25.12 restore vegetative habitat on city-owned
 25.13 property. Plant and seed materials must follow
 25.14 the Board of Water and Soil Resources' native
 25.15 vegetation establishment and enhancement
 25.16 guidelines. This appropriation is available until
 25.17 June 30, 2020, by which time the project must
 25.18 be completed and final products delivered.

25.19 **(i) Land Acquisition for Voyageurs National**
 25.20 **Park Crane Lake Visitors Center**

25.21 \$950,000 the first year is from the trust fund
 25.22 to the commissioner of natural resources for
 25.23 an agreement with the town of Crane Lake, in
 25.24 partnership with Voyageurs National Park and
 25.25 the Department of Natural Resources, to
 25.26 acquire approximately 30 acres to be used for
 25.27 a visitor center and campground. Income
 25.28 generated by the campground may be used to
 25.29 support the facility.

25.30 **Subd. 10. Administration and**
 25.31 **Contract Agreement**

25.32 **Reimbursement**

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1,340,000

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25.33 **(a) Contract Agreement Reimbursement**

25.34 \$135,000 the first year is from the trust fund
 25.35 to the commissioner of natural resources, at
 25.36 the direction of the Legislative-Citizen
 25.37 Commission on Minnesota Resources, for

26.1 expenses incurred for contract agreement
 26.2 reimbursement for the agreements specified
 26.3 in this section. The commissioner shall provide
 26.4 documentation to the Legislative-Citizen
 26.5 Commission on Minnesota Resources on the
 26.6 expenditure of these funds.

26.7 **(b) Legislative-Citizen Commission on**
 26.8 **Minnesota Resources (LCCMR) Administration**

26.9 \$1,200,000 the first year is from the trust fund
 26.10 to the Legislative-Citizen Commission on
 26.11 Minnesota Resources for administration in
 26.12 fiscal years 2018 and 2019 as provided in
 26.13 Minnesota Statutes, section 116P.09,
 26.14 subdivision 5.

26.15 **(c) Legislative Coordinating Commission Legacy**
 26.16 **Web site**

26.17 \$5,000 the first year is from the trust fund to
 26.18 the Legislative Coordinating Commission for
 26.19 the Web site required in Minnesota Statutes,
 26.20 section 3.303, subdivision 10.

26.21 **Subd. 11. Availability of Appropriations**

26.22 Money appropriated in this section may not
 26.23 be spent on activities unless they are directly
 26.24 related to and necessary for a specific
 26.25 appropriation and are specified in the work
 26.26 plan approved by the Legislative-Citizen
 26.27 Commission on Minnesota Resources. Money
 26.28 appropriated in this section must not be spent
 26.29 on indirect costs or other institutional overhead
 26.30 charges that are not directly related to and
 26.31 necessary for a specific appropriation. Costs
 26.32 that are directly related to and necessary for
 26.33 an appropriation, including financial services,
 26.34 human resources, information services, rent,
 26.35 and utilities, are eligible only if the costs can
 26.36 be clearly justified and individually

27.1 documented specific to the appropriation's
27.2 purpose and would not be generated by the
27.3 recipient but for receipt of the appropriation.
27.4 No broad allocations for costs in either dollars
27.5 or percentages are allowed. Unless otherwise
27.6 provided, the amounts in this section are
27.7 available until June 30, 2019, when projects
27.8 must be completed and final products
27.9 delivered. For acquisition of real property, the
27.10 appropriations in this section are available for
27.11 an additional fiscal year if a binding contract
27.12 for acquisition of the real property is entered
27.13 into before the expiration date of the
27.14 appropriation. If a project receives a federal
27.15 grant, the time period of the appropriation is
27.16 extended to equal the federal grant period.
27.17 **Subd. 12. Data Availability Requirements**
27.18 Data collected by the projects funded under
27.19 this section must conform to guidelines and
27.20 standards adopted by MN.IT Services. Spatial
27.21 data must also conform to additional
27.22 guidelines and standards designed to support
27.23 data coordination and distribution that have
27.24 been published by the Minnesota Geospatial
27.25 Information Office. Descriptions of spatial
27.26 data must be prepared as specified in the state's
27.27 geographic metadata guideline and must be
27.28 submitted to the Minnesota Geospatial
27.29 Information Office. All data must be
27.30 accessible and free to the public unless made
27.31 private under the Data Practices Act,
27.32 Minnesota Statutes, chapter 13. To the extent
27.33 practicable, summary data and results of
27.34 projects funded under this section should be
27.35 readily accessible on the Internet and

28.1 identified as having received funding from the
28.2 environment and natural resources trust fund.

28.3 **Subd. 13. Project Requirements**

28.4 (a) As a condition of accepting an
28.5 appropriation under this section, an agency or
28.6 entity receiving an appropriation or a party to
28.7 an agreement from an appropriation must
28.8 comply with paragraphs (b) to (l) and
28.9 Minnesota Statutes, chapter 116P, and must
28.10 submit a work plan and annual or semiannual
28.11 progress reports in the form determined by the
28.12 Legislative-Citizen Commission on Minnesota
28.13 Resources for any project funded in whole or
28.14 in part with funds from the appropriation.
28.15 Modifications to the approved work plan and
28.16 budget expenditures must be made through
28.17 the amendment process established by the
28.18 Legislative-Citizen Commission on Minnesota
28.19 Resources.

28.20 (b) A recipient of money appropriated in this
28.21 section that conducts a restoration using funds
28.22 appropriated in this section must use native
28.23 plant species according to the Board of Water
28.24 and Soil Resources' native vegetation
28.25 establishment and enhancement guidelines
28.26 and include an appropriate diversity of native
28.27 species selected to provide habitat for
28.28 pollinators throughout the growing season as
28.29 required under Minnesota Statutes, section
28.30 84.973.

28.31 (c) For all restorations conducted with money
28.32 appropriated under this section, a recipient
28.33 must prepare an ecological restoration and
28.34 management plan that, to the degree
28.35 practicable, is consistent with the highest

29.1 quality conservation and ecological goals for
29.2 the restoration site. Consideration should be
29.3 given to soil, geology, topography, and other
29.4 relevant factors that would provide the best
29.5 chance for long-term success and durability
29.6 of the restoration project. The plan must
29.7 include the proposed timetable for
29.8 implementing the restoration, including site
29.9 preparation, establishment of diverse plant
29.10 species, maintenance, and additional
29.11 enhancement to establish the restoration;
29.12 identify long-term maintenance and
29.13 management needs of the restoration and how
29.14 the maintenance, management, and
29.15 enhancement will be financed; and take
29.16 advantage of the best available science and
29.17 include innovative techniques to achieve the
29.18 best restoration.

29.19 (d) An entity receiving an appropriation in this
29.20 section for restoration activities must provide
29.21 an initial restoration evaluation at the
29.22 completion of the appropriation and an
29.23 evaluation three years beyond the completion
29.24 of the expenditure. Restorations must be
29.25 evaluated relative to the stated goals and
29.26 standards in the restoration plan, current
29.27 science, and, when applicable, the Board of
29.28 Water and Soil Resources' native vegetation
29.29 establishment and enhancement guidelines.
29.30 The evaluation must determine whether the
29.31 restorations are meeting planned goals,
29.32 identify any problems with the implementation
29.33 of the restorations, and, if necessary, give
29.34 recommendations on improving restorations.
29.35 The evaluation must be focused on improving
29.36 future restorations.

- 30.1 (e) All restoration and enhancement projects
30.2 funded with money appropriated in this section
30.3 must be on land permanently protected by a
30.4 conservation easement or public ownership.
- 30.5 (f) A recipient of money from an appropriation
30.6 under this section must give consideration to
30.7 contracting with Conservation Corps
30.8 Minnesota for contract restoration and
30.9 enhancement services.
- 30.10 (g) All conservation easements acquired with
30.11 money appropriated under this section must:
- 30.12 (1) be permanent;
- 30.13 (2) specify the parties to an easement in the
30.14 easement;
- 30.15 (3) specify all of the provisions of an
30.16 agreement that are permanent;
- 30.17 (4) be sent to the Legislative-Citizen
30.18 Commission on Minnesota Resources in an
30.19 electronic format at least ten business days
30.20 before closing;
- 30.21 (5) include a long-term monitoring and
30.22 enforcement plan and funding for monitoring
30.23 and enforcing the easement agreement; and
- 30.24 (6) include requirements in the easement
30.25 document to address specific groundwater and
30.26 surface water quality protection activities such
30.27 as keeping water on the landscape, reducing
30.28 nutrient and contaminant loading, protecting
30.29 groundwater, and not permitting artificial
30.30 hydrological modifications.
- 30.31 (h) For any acquisition of lands or interest in
30.32 lands, a recipient of money appropriated under
30.33 this section must not agree to pay more than

31.1 100 percent of the appraised value for a parcel
31.2 of land using this money to complete the
31.3 purchase, in part or in whole, except that up
31.4 to ten percent above the appraised value may
31.5 be allowed to complete the purchase, in part
31.6 or in whole, using this money if permission is
31.7 received in advance of the purchase from the
31.8 Legislative-Citizen Commission on Minnesota
31.9 Resources.

31.10 (i) For any acquisition of land or interest in
31.11 land, a recipient of money appropriated under
31.12 this section must give priority to high-quality
31.13 natural resources or conservation lands that
31.14 provide natural buffers to water resources.

31.15 (j) For new lands acquired with money
31.16 appropriated under this section, a recipient
31.17 must prepare an ecological restoration and
31.18 management plan in compliance with
31.19 paragraph (c), including sufficient funding for
31.20 implementation unless the work plan addresses
31.21 why a portion of the money is not necessary
31.22 to achieve a high-quality restoration.

31.23 (k) To ensure public accountability for the use
31.24 of public funds, within 60 days of the
31.25 transaction, a recipient of money appropriated
31.26 under this section must provide to the
31.27 Legislative-Citizen Commission on Minnesota
31.28 Resources documentation of the selection
31.29 process used to identify parcels acquired and
31.30 provide documentation of all related
31.31 transaction costs, including but not limited to
31.32 appraisals, legal fees, recording fees,
31.33 commissions, other similar costs, and
31.34 donations. This information must be provided
31.35 for all parties involved in the transaction. The

32.1 recipient must also report to the
32.2 Legislative-Citizen Commission on Minnesota
32.3 Resources any difference between the
32.4 acquisition amount paid to the seller and the
32.5 state-certified or state-reviewed appraisal, if
32.6 a state-certified or state-reviewed appraisal
32.7 was conducted.

32.8 (l) A recipient of an appropriation from the
32.9 trust fund under this section must acknowledge
32.10 financial support from the environment and
32.11 natural resources trust fund in project
32.12 publications, signage, and other public
32.13 communications and outreach related to work
32.14 completed using the appropriation.

32.15 Acknowledgment may occur, as appropriate,
32.16 through use of the trust fund logo or inclusion
32.17 of language attributing support from the trust
32.18 fund. Each direct recipient of money
32.19 appropriated in this section, as well as each
32.20 recipient of a grant awarded pursuant to this
32.21 section, must satisfy all reporting and other
32.22 requirements incumbent upon constitutionally
32.23 dedicated funding recipients as provided in
32.24 Minnesota Statutes, section 3.303, subdivision
32.25 10, and chapter 116P.

32.26 **Subd. 14. Payment Conditions and Capital**
32.27 **Equipment Expenditures**

32.28 (a) All agreements, grants, or contracts
32.29 referred to in this section must be administered
32.30 on a reimbursement basis unless otherwise
32.31 provided in this section. Notwithstanding
32.32 Minnesota Statutes, section 16A.41,
32.33 expenditures made on or after July 1, 2017,
32.34 or the date the work plan is approved,
32.35 whichever is later, are eligible for
32.36 reimbursement unless otherwise provided in

33.1 this section. Periodic payments must be made
 33.2 upon receiving documentation that the
 33.3 deliverable items articulated in the approved
 33.4 work plan have been achieved, including
 33.5 partial achievements as evidenced by approved
 33.6 progress reports. Reasonable amounts may be
 33.7 advanced to projects to accommodate cash
 33.8 flow needs or match federal money. The
 33.9 advances must be approved as part of the work
 33.10 plan. No expenditures for capital equipment
 33.11 are allowed unless expressly authorized in the
 33.12 project work plan.

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

33.15 **Subd. 15. Purchase of Recycled and Recyclable**
 33.16 **Materials**

33.17 A political subdivision, public or private
 33.18 corporation, or other entity that receives an
 33.19 appropriation under this section must use the
 33.20 appropriation in compliance with Minnesota
 33.21 Statutes, section 16C.0725, regarding purchase
 33.22 of recycled, repairable, and durable materials
 33.23 and Minnesota Statutes, section 16C.073,
 33.24 regarding purchase and use of paper stock and
 33.25 printing.

33.26 **Subd. 16. Energy Conservation and Sustainable**
 33.27 **Building Guidelines**

33.28 A recipient to whom an appropriation is made
 33.29 under this section for a capital improvement
 33.30 project must ensure that the project complies
 33.31 with the applicable energy conservation and
 33.32 sustainable building guidelines and standards
 33.33 contained in law, including Minnesota
 33.34 Statutes, sections 16B.325, 216C.19, and
 33.35 216C.20, and rules adopted under those
 33.36 sections. The recipient may use the energy

34.1 planning, advocacy, and State Energy Office
34.2 units of the Department of Commerce to
34.3 obtain information and technical assistance
34.4 on energy conservation and alternative energy
34.5 development relating to planning and
34.6 constructing the capital improvement project.

34.7 **Subd. 17. Accessibility**

34.8 Structural and nonstructural facilities must
34.9 meet the design standards in the Americans
34.10 with Disabilities Act (ADA) accessibility
34.11 guidelines.

34.12 **Subd. 18. Carryforward; Extension**

34.13 (a) The availability of the appropriations for
34.14 the following projects are extended to June
34.15 30, 2018:

34.16 (1) Laws 2014, chapter 226, section 2,
34.17 subdivision 3, paragraph (d), Evaluation of
34.18 Wastewater Nitrogen and Estrogen Treatment
34.19 Options;

34.20 (2) Laws 2014, chapter 226, section 2,
34.21 subdivision 4, paragraph (b), Bioacoustics to
34.22 Detect, Deter, and Eliminate Silver Carp;

34.23 (3) Laws 2014, chapter 226, section 2,
34.24 subdivision 4, paragraph (f), Brown
34.25 Marmorated Stink Bug Monitoring and
34.26 Bio-Control Evaluation;

34.27 (4) Laws 2014, chapter 226, section 2,
34.28 subdivision 6, paragraph (h), Nutrient Capture
34.29 through Water Management and Biomass
34.30 Harvesting;

34.31 (5) Laws 2014, chapter 226, section 2,
34.32 subdivision 7, paragraph (b), Metropolitan
34.33 Regional Park System Acquisition;

- 35.1 (6) Laws 2015, chapter 76, section 2,
35.2 subdivision 3, paragraph (l), Genetic and
35.3 Camera Techniques to Estimate Carnivore
35.4 Populations;
- 35.5 (7) Laws 2015, chapter 76, section 2,
35.6 subdivision 7, paragraph (c), Building
35.7 Deconstruction to Reduce Greenhouse Gas
35.8 Emissions and Solid Waste; and
- 35.9 (8) Laws 2015, chapter 76, section 2,
35.10 subdivision 10, Emerging Issues Account.
- 35.11 (b) The availability of the appropriations for
35.12 the following projects are extended to June
35.13 30, 2019:
- 35.14 (1) Laws 2014, chapter 226, section 2,
35.15 subdivision 10, paragraph (c),
35.16 Legislative-Citizen Commission on Minnesota
35.17 Resources (LCCMR) as extended by Laws
35.18 2016, chapter 186, section 2, subdivision 18,
35.19 clause (8);
- 35.20 (2) Laws 2015, chapter 76, section 2,
35.21 subdivision 7, paragraph (a), Renewable and
35.22 Sustainable Fertilizers Produced Locally;
- 35.23 (3) Laws 2015, chapter 76, section 2,
35.24 subdivision 8, paragraph (h), Improving
35.25 Community Forests Through Citizen
35.26 Engagement; and
- 35.27 (4) Laws 2016, chapter 186, section 2,
35.28 subdivision 9, paragraph (b), Minnesota Point
35.29 Pine Forest Scientific and Natural Area
35.30 Acquisition.
- 35.31 **Subd. 19. Fiscal Year 2019 Recommendations**
- 35.32 (a) For fiscal year 2019, the commission shall
35.33 consider recommending loans from the corpus

36.1 of the trust fund to statutory and home rule
36.2 charter cities and towns with a population less
36.3 than 5,000 as provided in the Minnesota
36.4 Constitution, article XI, section 14. The
36.5 commission shall work with the Public
36.6 Facilities Authority in developing its
36.7 recommendations. The commission shall
36.8 include in its recommendations an analysis of
36.9 using trust fund allocations for grants to the
36.10 same cities and towns, including any necessary
36.11 statutory changes.

36.12 (b) Any deadlines established by the
36.13 Legislative-Citizen Commission on Minnesota
36.14 Resources for submission of proposals for the
36.15 commission's fiscal year 2019 funding
36.16 recommendations are waived until July 15,
36.17 2017, for proposals authorized under this
36.18 subdivision and proposals that the commission
36.19 recommended for fiscal year 2018 but that did
36.20 not receive funding.

36.21 Sec. 3. Minnesota Statutes 2016, section 116P.05, subdivision 2, is amended to read:

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

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

37.1 The commission shall ensure that the expenditures and outcomes described in the work plan
37.2 for appropriations funded by the environment and natural resources trust fund are met.

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

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

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

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

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

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

37.14 (4) provide for project outcome evaluation;

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

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

37.19 Sec. 4. Minnesota Statutes 2016, section 116P.08, subdivision 1, is amended to read:

37.20 Subdivision 1. **Expenditures.** (a) Money in the trust fund may be spent only for:

37.21 (1) the reinvest in Minnesota program as provided in section 84.95, subdivision 2;

37.22 (2) research that contributes to increasing the effectiveness of protecting or managing
37.23 the state's environment or natural resources;

37.24 (3) collection and analysis of information that assists in developing the state's
37.25 environmental and natural resources policies;

37.26 (4) enhancement of public education, awareness, and understanding necessary for the
37.27 protection, conservation, restoration, and enhancement of air, land, water, forests, fish,
37.28 wildlife, and other natural resources;

37.29 (5) capital projects for the preservation and protection of unique natural resources;

38.1 (6) activities that preserve or enhance fish, wildlife, land, air, water, and other natural
 38.2 resources that otherwise may be substantially impaired or destroyed in any area of the state;

38.3 (7) administrative and investment expenses incurred by the State Board of Investment
 38.4 in investing deposits to the trust fund; and

38.5 (8) administrative expenses subject to the limits in section 116P.09.

38.6 (b) In making recommendations for expenditures from the trust fund, the commission
 38.7 shall give priority to funding programs and projects under paragraph (a), clauses (1) and
 38.8 (6). Any requests for proposals issued by the commission shall clearly indicate these
 38.9 priorities.

38.10 Sec. 5. Minnesota Statutes 2016, section 116P.17, subdivision 1, is amended to read:

38.11 Subdivision 1. **Commissioner approval.** (a) A recipient of an appropriation from the
 38.12 trust fund who acquires an interest in real property must receive written approval from the
 38.13 commissioner of natural resources prior to the acquisition, if the interest is acquired in whole
 38.14 or in part with the appropriation. A recipient must request the commissioner's approval at
 38.15 least ten business days before the proposed acquisition. When a recipient requests approval
 38.16 under this subdivision, the recipient must simultaneously submit the same information to
 38.17 the commission. Conservation easements to be held by the Board of Water and Soil
 38.18 Resources, acquisitions of land in the metropolitan regional recreation open space systems
 38.19 as defined under section 473.351, subdivision 1, with appropriations to the Metropolitan
 38.20 Council, and acquisitions specifically identified in appropriation laws are not subject to
 38.21 commissioner approval under this section.

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

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

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

38.28 Sec. 6. **EFFECTIVE DATE.**

38.29 Sections 1 and 2 are effective the day following final enactment.