

ARTICLE 2

ENVIRONMENT AND NATURAL RESOURCES TRUST FUND

Section 1. APPROPRIATIONS.

The sums shown in the columns marked "Appropriations" are appropriated to the agencies and for the purposes specified in this article. The appropriations are from the environment and natural resources trust fund, or another named fund, and are available for the fiscal years indicated for each purpose. The figures "2020" and "2021" used in this article mean that the appropriations listed under them are available for the fiscal year ending June 30, 2020, or June 30, 2021, respectively. "The first year" is fiscal year 2020. "The second year" is fiscal year 2021. "The biennium" is fiscal years 2020 and 2021.

		APPROPRIATIONS		
		Available for the Year		
		Ending June 30		
	2019	2020	2021	
Sec. 2. MINNESOTA RESOURCES				
Subdivision 1. Total				
Appropriation	\$ 2,940,000	\$ 61,387,000		-0-

The amounts that may be spent for each purpose are specified in the following subdivisions. Appropriations for fiscal year 2019 are available the day following final enactment and are available until June 30, 2022, unless otherwise stated in the appropriation. Appropriations in the first year are available for three years beginning July 1, 2019, unless otherwise stated in the appropriation. Any unencumbered balance remaining in the first year does not cancel and is available for the second year or until the end of the appropriation.

Subd. 2. Definition

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

47.1	<u>Subd. 3. Foundational</u>			
47.2	<u>Natural Resource Data and</u>			
47.3	<u>Information</u>	<u>1,804,000</u>	<u>13,601,000</u>	<u>-0-</u>
47.4	<u>(a) Minnesota Biological Survey</u>			
47.5	<u>\$1,500,000 the first year is from the trust fund</u>			
47.6	<u>to the commissioner of natural resources for</u>			
47.7	<u>the Minnesota biological survey to complete</u>			
47.8	<u>the statewide field surveys begun in 1987 to</u>			
47.9	<u>provide a foundation for conserving biological</u>			
47.10	<u>diversity by systematically collecting,</u>			
47.11	<u>interpreting, and delivering data on native and</u>			
47.12	<u>rare species, pollinators, and native plant</u>			
47.13	<u>communities throughout Minnesota. Any</u>			
47.14	<u>revenues generated through the publication of</u>			
47.15	<u>books or other resources created through this</u>			
47.16	<u>appropriation may be reinvested as described</u>			
47.17	<u>in the work plan approved by the</u>			
47.18	<u>Legislative-Citizen Commission on Minnesota</u>			
47.19	<u>Resources according to Minnesota Statutes,</u>			
47.20	<u>section 116P.10.</u>			
47.21	<u>(b) Restoring Native Mussels in Streams and</u>			
47.22	<u>Lakes</u>			
47.23	<u>\$500,000 the first year is from the trust fund</u>			
47.24	<u>to the commissioner of natural resources to</u>			
47.25	<u>restore native freshwater mussel assemblages,</u>			
47.26	<u>and the ecosystem services they provide, in</u>			
47.27	<u>the Mississippi, Cedar, and Cannon Rivers</u>			
47.28	<u>and to inform the public on mussels and</u>			
47.29	<u>mussel conservation. This appropriation is</u>			
47.30	<u>available until June 30, 2021, by which time</u>			
47.31	<u>the project must be completed and final</u>			
47.32	<u>products delivered.</u>			
47.33	<u>(c) Quantifying Exposure of Minnesota's</u>			
47.34	<u>Raptors to Mercury and PFAS</u>			
47.35	<u>\$250,000 the first year is from the trust fund</u>			
47.36	<u>to the commissioner of natural resources for</u>			

48.1 an agreement with the Hawk Ridge Bird
48.2 Observatory to quantify the exposure and
48.3 health risk of two environmental neurotoxins
48.4 to Minnesota raptors.

48.5 **(d) Minnesota Trumpeter Swan Migration**
48.6 **Ecology and Conservation**

48.7 \$300,000 the first year is from the trust fund
48.8 to the Board of Regents of the University of
48.9 Minnesota to document the movement and
48.10 habitat use of Minnesota trumpeter swans to
48.11 provide foundational information necessary
48.12 for trumpeter swan management and
48.13 conservation. This appropriation is available
48.14 until June 30, 2023, by which time the project
48.15 must be completed and final products
48.16 delivered.

48.17 **(e) Spruce Grouse as Indicators for Boreal**
48.18 **Forest Connectivity**

48.19 \$350,000 the first year is from the trust fund
48.20 to the Board of Regents of the University of
48.21 Minnesota for the Raptor Center to evaluate
48.22 how to best harvest timber in the boreal forest
48.23 to enable wildlife with small home ranges,
48.24 such as spruce grouse, to thrive in a changing
48.25 landscape. This appropriation is available until
48.26 June 30, 2023, by which time the project must
48.27 be completed and final products delivered.

48.28 **(f) Understanding Brainworm Transmission to**
48.29 **Find Solutions for Minnesota Moose Decline**

48.30 \$400,000 the first year is from the trust fund
48.31 to the Board of Regents of the University of
48.32 Minnesota to identify key habitats and vectors
48.33 of brainworm transmission between deer and
48.34 moose that may be targeted by resource

49.1 management to mitigate moose exposure to
49.2 this deadly condition.

49.3 **(g) Mapping Habitat Use and Disease of Urban**
49.4 **Carnivores**

49.5 \$500,000 the first year is from the trust fund
49.6 to the Board of Regents of the University of
49.7 Minnesota to map habitat use and diseases of
49.8 urban foxes and coyotes, evaluate risks these
49.9 animals may pose to people and pets, and
49.10 generate information needed to reduce
49.11 human-wildlife conflicts.

49.12 **(h) Accelerated Aggregate Resource Mapping**

49.13 \$700,000 the first year is from the trust fund
49.14 to the commissioner of natural resources to
49.15 map the aggregate resource potential for four
49.16 counties and make this information available
49.17 in print and electronic format to local units of
49.18 government for use in planning and zoning.

49.19 **(i) Den Boxes for Fishers and Other Nesting**
49.20 **Wildlife**

49.21 \$190,000 the first year is from the trust fund
49.22 to the Board of Regents of the University of
49.23 Minnesota for the Natural Resources Research
49.24 Institute in Duluth to build, install, and
49.25 evaluate den boxes as habitat enhancement
49.26 for fishers and other cavity-nesting wildlife in
49.27 managed forests where a lack of large trees
49.28 may be threatening population survival. The
49.29 final outcome for the project must include
49.30 guidelines and best practices for use of den
49.31 boxes for fisher habitat.

49.32 **(j) Red-Headed Woodpeckers as Indicators of**
49.33 **Oak Savanna Health**

49.34 \$171,000 the first year is from the trust fund
49.35 to the Board of Regents of the University of

50.1 Minnesota to evaluate red-headed woodpecker
50.2 survival and habitat needs and to use this data
50.3 to develop and disseminate a long-term oak
50.4 savanna management plan that supports
50.5 red-headed woodpeckers and other oak
50.6 savanna habitat-dependent species.

50.7 **(k) Implementing Conservation Plans for Avian**
50.8 **Species of Concern**

50.9 \$124,000 the first year is from the trust fund
50.10 to the commissioner of natural resources for
50.11 an agreement with the National Audubon
50.12 Society, Minnesota office, to establish
50.13 benchmark survey sites for implementing and
50.14 tracking outcomes of collaborative restoration
50.15 and enhancement activities within Important
50.16 Bird Areas for three bird species of
50.17 conservation concern.

50.18 **(l) Mapping Aquatic Habitats for Moose**

50.19 \$199,000 the first year is from the trust fund
50.20 to the Board of Regents of the University of
50.21 Minnesota to determine key water habitats
50.22 used by moose in northern forested regions of
50.23 Minnesota, measure the effects of moose
50.24 foraging on aquatic plant and fish diversity,
50.25 and provide educational programming
50.26 materials for the public.

50.27 **(m) Improving Statewide GIS Data by Restoring**
50.28 **the Public Land Survey**

50.29 \$135,000 the first year is from the trust fund
50.30 to the commissioner of natural resources for
50.31 an agreement with the Minnesota Association
50.32 of County Surveyors to conduct a pilot project
50.33 with Grant County to remonument and certify
50.34 the public land survey corners in Lawrence
50.35 Township. This appropriation is available until

51.1 June 30, 2021, by which time the project must
51.2 be completed and final products delivered.

51.3 **(n) County Geologic Atlases - Part A, Mapping**
51.4 **Geology**

51.5 \$2,000,000 the first year is from the trust fund
51.6 to the Board of Regents of the University of
51.7 Minnesota, Minnesota Geological Survey, to
51.8 continue producing county geologic atlases to
51.9 inform management of surface water and
51.10 groundwater resources. This appropriation is
51.11 to complete Part A, which focuses on the
51.12 properties and distribution of earth materials
51.13 to define aquifer boundaries and the
51.14 connection of aquifers to the land surface and
51.15 surface water resources.

51.16 **(o) County Geologic Atlases - Part B, Mapping**
51.17 **Aquifer Hydrology**

51.18 \$2,400,000 the first year is from the trust fund
51.19 to the commissioner of natural resources to
51.20 continue producing county geologic atlases to
51.21 inform management of surface water and
51.22 groundwater resources for drinking water and
51.23 other purposes. This appropriation is for Part
51.24 B, which uses the geologic formations mapped
51.25 in Part A of the county geologic atlases to
51.26 characterize the potential water yields of
51.27 aquifers and the aquifers' sensitivity to
51.28 contamination.

51.29 **(p) Unlocking Science of Minnesota's Moose**
51.30 **Decline**

51.31 \$199,000 the first year is from the trust fund
51.32 to the Minnesota Zoological Garden to
51.33 develop educational displays, interactive
51.34 exhibits, and engaging online programs that
51.35 summarize and share scientific findings about

52.1 moose decline in Minnesota. This
52.2 appropriation is available until June 30, 2021,
52.3 by which time the project must be completed
52.4 and final products delivered.

52.5 **(q) Forest and Bioeconomy Research**

52.6 \$2,200,000 the first year is to the Board of
52.7 Regents of the University of Minnesota for
52.8 academic and applied research through
52.9 MnDRIVE at the Natural Resources Research
52.10 Institute to develop and demonstrate
52.11 technologies that enhance the long-term health
52.12 of Minnesota's forests, extend the viability of
52.13 current forest-based industries, and accelerate
52.14 emerging industry opportunities. Of this
52.15 amount, \$500,000 is to support development
52.16 of a forest optimization tool for Minnesota
52.17 forest resources, \$800,000 is for maintenance
52.18 and expansion of the Natural Resource Atlas
52.19 to statewide coverage, \$400,000 is to the
52.20 Minnesota Forest Resource Council for
52.21 continued advancement of biochar
52.22 development and application to forest health,
52.23 and \$500,000 is to advance emerging
52.24 Minnesota technologies to produce clean
52.25 syngas to drive high-value markets for forest
52.26 biomass feedstocks.

52.27 **(r) Minerals and Water Research**

52.28 \$883,000 the first year is to the Board of
52.29 Regents of the University of Minnesota for
52.30 academic and applied research through
52.31 MnDRIVE at the Natural Resources Research
52.32 Institute to develop and demonstrate
52.33 technologies that enhance long-term
52.34 Minnesota mineral opportunities. Of this
52.35 amount:

- 53.1 (1) \$300,000 is to support continued applied
53.2 research to advance new technologies to
53.3 improve water quality;
- 53.4 (2) \$275,000 is to initiate the characterization
53.5 of western Mesabi iron resources and
53.6 development of next-generation Minnesota
53.7 iron products;
- 53.8 (3) \$158,000 is to develop emerging
53.9 hydrometallurgy technology to support
53.10 high-value mineral product development in
53.11 Minnesota; and
- 53.12 (4) \$150,000 is to support efforts of the
53.13 Natural Resources Research Institute to
53.14 accelerate demonstration of high-capacity,
53.15 cost-effective energy storage using
53.16 Minnesota's historical auxiliary mine lands.
- 53.17 This research must be conducted in
53.18 consultation with the Minerals Coordinating
53.19 Committee established under Minnesota
53.20 Statutes, section 93.0015.
- 53.21 **(s) Native Bee Survey**
- 53.22 \$600,000 the first year is from the trust fund
53.23 to the commissioner of natural resources to
53.24 continue to assess the current status and
53.25 distribution of native bee pollinators in
53.26 Minnesota by expanding surveys into the
53.27 coniferous-deciduous forest region of
53.28 Minnesota and facilitating interagency
53.29 collaboration and public outreach on
53.30 pollinators.
- 53.31 **(t) Diagnostic Test for Chronic Wasting Disease**
- 53.32 \$1,804,000 in fiscal year 2019 is from the trust
53.33 fund to the Board of Regents of the University

54.1 of Minnesota to develop diagnostic testing for
 54.2 chronic wasting disease that can be used to
 54.3 perform animal testing and environmental
 54.4 monitoring. This appropriation is subject to
 54.5 Minnesota Statutes, section 116P.10.

54.6 **Subd. 4. Water Resources**

5,416,000

-0-

54.7 **(a) Determining Influence of Insecticides on**
 54.8 **Algal Blooms**

54.9 \$350,000 the first year is from the trust fund
 54.10 to the Board of Regents of the University of
 54.11 Minnesota to quantify the occurrence of
 54.12 neonicotinoid insecticides in Minnesota's
 54.13 surface waters and groundwaters and assess
 54.14 if the insecticides are contributing to the
 54.15 formation of algal blooms.

54.16 **(b) Benign Design: Environmental Studies**
 54.17 **Leading to Sustainable Pharmaceuticals**

54.18 \$415,000 the first year is from the trust fund
 54.19 to the Board of Regents of the University of
 54.20 Minnesota to determine how to best remove
 54.21 harmful fluorinated pharmaceuticals during
 54.22 wastewater treatment and to develop alternate
 54.23 versions of these compounds that are
 54.24 medically useful but environmentally
 54.25 harmless. This appropriation is subject to
 54.26 Minnesota Statutes, section 116P.10.

54.27 **(c) Wastewater Nutrient Reduction through**
 54.28 **Industrial Source Reduction Assistance**

54.29 \$200,000 the first year is from the trust fund
 54.30 to the Board of Regents of the University of
 54.31 Minnesota to provide technical assistance for
 54.32 industrial facilities to optimize their processes,
 54.33 reduce nutrient loads to wastewater treatment
 54.34 facilities, and improve water quality. The
 54.35 economic savings and water quality

55.1 improvements achieved through this work
55.2 must be documented.

55.3 **(d) Quantifying Microplastics in Minnesota's**
55.4 **Inland Lakes**

55.5 \$200,000 the first year is from the trust fund
55.6 to the Board of Regents of the University of
55.7 Minnesota for the Natural Resources Research
55.8 Institute in Duluth to quantify the amount,
55.9 type, and source of microplastics in the water,
55.10 sediment, and fishes of a range of Minnesota
55.11 lakes.

55.12 **(e) Improving Nitrogen Removal in Greater**
55.13 **Minnesota Wastewater Treatment Ponds**

55.14 \$325,000 the first year is from the trust fund
55.15 to the Board of Regents of the University of
55.16 Minnesota to assess cold weather nitrogen
55.17 cycling and different aeration methods to
55.18 improve the efficacy of Minnesota's
55.19 underperforming wastewater treatment ponds.

55.20 **(f) Improving Drinking Water for Minnesotans**
55.21 **through Pollution Prevention**

55.22 \$345,000 the first year is from the trust fund
55.23 to the Board of Regents of the University of
55.24 Minnesota to reduce exposure of Minnesotans
55.25 to a toxic, cancer-causing chemical by
55.26 identifying key pollutant precursor sources in
55.27 the upper Mississippi River watershed and
55.28 assessing options to reduce the formation of
55.29 this chemical during drinking water treatment.

55.30 **(g) Protecting Minnesota Waters by Removing**
55.31 **Contaminants from Wastewater**

55.32 \$250,000 the first year is from the trust fund
55.33 to the Board of Regents of the University of
55.34 Minnesota to develop methods for treatment
55.35 plants to remove harmful polyfluoroalkyl

56.1 substances and microplastics from wastewater
56.2 before the wastewater is released to the
56.3 environment. This appropriation is subject to
56.4 Minnesota Statutes, section 116P.10.

56.5 **(h) Reducing Municipal Wastewater Mercury**
56.6 **Pollution to Lake Superior**

56.7 \$250,000 the first year is from the trust fund
56.8 to the commissioner of the Minnesota
56.9 Pollution Control Agency to evaluate and
56.10 summarize current technologies to help
56.11 municipal wastewater plants in the Lake
56.12 Superior basin save money and reduce
56.13 mercury pollution to Lake Superior and other
56.14 Minnesota waters.

56.15 **(i) Extracting Deicing Salt from Roadside Soils**
56.16 **with Plants**

56.17 \$360,000 the first year is from the trust fund
56.18 to the Board of Regents of the University of
56.19 Minnesota to collaborate with the Department
56.20 of Transportation to evaluate potential native
56.21 plants that can be grown on roadsides to
56.22 adsorb and remove toxic salts accumulated
56.23 from deicing roads and assess uses for the
56.24 harvested material.

56.25 **(j) Transformation of Plastic Waste into Valued**
56.26 **Resource**

56.27 \$225,000 the first year is from the trust fund
56.28 to the Board of Regents of the University of
56.29 Minnesota to develop technologies that use
56.30 microbes to convert plastic waste into useful
56.31 chemical compounds and fuels, lowering the
56.32 likelihood that these materials end up in the
56.33 environment. This appropriation is subject to
56.34 Minnesota Statutes, section 116P.10.

57.1 **(k) Accelerating Perennial Crop Production to**
57.2 **Prevent Nitrate Leaching**

57.3 \$440,000 the first year is from the trust fund
57.4 to the commissioner of natural resources for
57.5 an agreement with the Stearns County Soil
57.6 and Water Conservation District to reduce
57.7 nitrate leaching on sandy soils of central
57.8 Minnesota by developing water-efficient
57.9 production methods, supply chains, and
57.10 end-use markets for three perennial crops:
57.11 Kernza, prairie species, and alfalfa. Net
57.12 income from the sale of products or assets
57.13 developed or acquired through this project
57.14 may be reinvested as described in the work
57.15 plan approved by the Legislative-Citizen
57.16 Commission on Minnesota Resources
57.17 according to Minnesota Statutes, section
57.18 116P.10.

57.19 **(l) Farm-Ready Cover Crops for Protecting**
57.20 **Water Quality**

57.21 \$741,000 the first year is from the trust fund
57.22 to the Minnesota State Colleges and
57.23 Universities System for Central Lakes College
57.24 to demonstrate conservation benefits of using
57.25 camelina and kura clover as continuous living
57.26 cover with corn-soybean rotations and to
57.27 develop secondary markets to increase farmer
57.28 adoption of this practice for protecting water
57.29 quality in vulnerable wellhead protection
57.30 areas. This appropriation is subject to
57.31 Minnesota Statutes, section 116P.10.

57.32 **(m) Setting Realistic Nitrate Reduction Goals in**
57.33 **Southeast Minnesota**

57.34 \$350,000 the first year is from the trust fund
57.35 to the Board of Regents of the University of
57.36 Minnesota to develop advanced water-flow

58.1 and age-dating tools to improve the ability of
58.2 state agencies to assess how well nitrate
58.3 reduction best management practices are
58.4 working in southeastern Minnesota.

58.5 **(n) Mapping Unprofitable Cropland for Water**
58.6 **and Wildlife**

58.7 \$100,000 the first year is from the trust fund
58.8 to the Science Museum of Minnesota for the
58.9 St. Croix Watershed Research Station to
58.10 conduct the first statewide analysis that maps
58.11 the extent of Minnesota's unprofitable
58.12 cropland and estimates both the water-quality
58.13 and habitat benefits of converting these lands
58.14 to perennial crops and vegetation. This
58.15 appropriation is available until June 30, 2021,
58.16 by which time the project must be completed
58.17 and final products delivered.

58.18 **(o) Evaluating Locally Sourced Materials for**
58.19 **Road Salt Reduction**

58.20 \$162,000 the first year is from the trust fund
58.21 to the Board of Regents of the University of
58.22 Minnesota for the Natural Resources Research
58.23 Institute in Duluth to evaluate the effectiveness
58.24 and benefits of using locally sourced wood
58.25 chips, corncobs, and iron-bearing minerals as
58.26 alternative abrasive materials to lower salt use
58.27 for protecting Minnesota's water resources.
58.28 This appropriation is subject to Minnesota
58.29 Statutes, section 116P.10. This appropriation
58.30 is available until June 30, 2021, by which time
58.31 the project must be completed and final
58.32 products delivered.

58.33 **(p) Minnesota Spring Inventory Final Phase**

58.34 \$71,000 the first year is from the trust fund to
58.35 the commissioner of natural resources to

59.1 complete the Minnesota Spring Inventory that
59.2 identifies, catalogs, and assists resource
59.3 managers in monitoring, assessing, and
59.4 protecting important and threatened statewide
59.5 water springs. This appropriation is available
59.6 until June 30, 2021, by which time the project
59.7 must be completed and final products
59.8 delivered.

59.9 **(q) Restoring Impaired Lakes through**
59.10 **Citizen-Aided Carp Management**

59.11 \$106,000 the first year is from the trust fund
59.12 to the commissioner of natural resources for
59.13 an agreement with the Carver County Water
59.14 Management Organization to quantify water
59.15 quality improvements and the
59.16 cost-effectiveness of a new citizen-aided carp
59.17 management method for restoring impaired
59.18 lakes in Minnesota.

59.19 **(r) Spring Biological Nitrate Removal to Protect**
59.20 **Drinking Water**

59.21 \$175,000 the first year is from the trust fund
59.22 to the commissioner of natural resources for
59.23 an agreement with the city of Fairmont to
59.24 build and demonstrate the effectiveness of an
59.25 experimental passive biological treatment
59.26 system to reduce nitrates that enter the city's
59.27 springtime water supply source.

59.28 **(s) Degrading Chlorinated Industrial**
59.29 **Contaminants with Bacteria**

59.30 \$1,000 the first year is from the trust fund to
59.31 the Board of Regents of the University of
59.32 Minnesota to determine the best way to
59.33 stimulate bacteria to more quickly and
59.34 completely remove industrial chlorinated
59.35 pollutants from contaminated sites. On the day

60.1 following final enactment, the following
60.2 amounts from unobligated appropriations to
60.3 the Board of Regents of the University of
60.4 Minnesota are transferred and added to this
60.5 appropriation: \$75,000 in Laws 2016, chapter
60.6 186, section 2, subdivision 4, paragraph (l),
60.7 and \$74,000 in Laws 2016, chapter 186,
60.8 section 2, subdivision 6, paragraph (b).

60.9 **(t) Managed Aquifer Recharge**

60.10 \$350,000 the first year is to the Board of
60.11 Regents of the University of Minnesota, Water
60.12 Resources Center, for a comprehensive study
60.13 of the economic benefits of managed aquifer
60.14 recharge and to make recommendations to
60.15 enhance and replenish Minnesota's
60.16 groundwater resources. The study must
60.17 include, but is not limited to:

60.18 (1) examining the potential benefits of
60.19 enhancing groundwater recharge in
60.20 water-stressed areas;

60.21 (2) assessing the relationship to changing
60.22 seasonality and intensity of precipitation on
60.23 groundwater recharge rates;

60.24 (3) reviewing the approaches to manage
60.25 recharge in geologically appropriate areas;

60.26 (4) identifying policy options, costs, and
60.27 barriers to recharging groundwater; and

60.28 (5) assessing the economic returns of options
60.29 for groundwater recharge.

60.30 In conducting the study, the Water Resources
60.31 Center must convene a stakeholder group and
60.32 provide for public participation.

61.1	<u>Subd. 5. Technical</u>			
61.2	<u>Assistance, Outreach, and</u>			
61.3	<u>Environmental Education</u>	<u>-0-</u>	<u>1,136,000</u>	<u>-0-</u>
61.4	<u>(a) Expanding Camp Sunrise Environmental</u>			
61.5	<u>Program</u>			
61.6	<u>\$237,000 the first year is from the trust fund</u>			
61.7	<u>to the commissioner of natural resources for</u>			
61.8	<u>an agreement with YouthCare Minnesota to</u>			
61.9	<u>expand camp opportunities to more school</u>			
61.10	<u>districts and implement improved hands-on</u>			
61.11	<u>environmental education programs for</u>			
61.12	<u>economically disadvantaged youth.</u>			
61.13	<u>(b) Connecting Students to Boundary Waters</u>			
61.14	<u>\$450,000 the first year is from the trust fund</u>			
61.15	<u>to the commissioner of natural resources for</u>			
61.16	<u>an agreement with Friends of the Boundary</u>			
61.17	<u>Waters Wilderness to connect approximately</u>			
61.18	<u>6,500 students to the boundary waters through</u>			
61.19	<u>classroom education and wilderness canoe</u>			
61.20	<u>experiences for diverse and underserved</u>			
61.21	<u>populations across Minnesota. This</u>			
61.22	<u>appropriation is available until June 30, 2023,</u>			
61.23	<u>by which time the project must be completed</u>			
61.24	<u>and final products delivered.</u>			
61.25	<u>(c) Mississippi National River and Recreation</u>			
61.26	<u>Area Forest Restoration</u>			
61.27	<u>\$199,000 the first year is from the trust fund</u>			
61.28	<u>to the commissioner of natural resources for</u>			
61.29	<u>an agreement with the Mississippi Park</u>			
61.30	<u>Connection to work with Conservation Corps</u>			
61.31	<u>Minnesota, local communities, and volunteers</u>			
61.32	<u>to address the loss of ash trees to emerald ash</u>			
61.33	<u>borer by planting approximately 15,000 native</u>			
61.34	<u>trees and plants in affected areas in the</u>			
61.35	<u>Mississippi National River and Recreation</u>			
61.36	<u>Area.</u>			

62.1 **(d) Increasing Diversity in Environmental**
62.2 **Careers**

62.3 \$250,000 the first year is from the trust fund
62.4 to the commissioner of natural resources in
62.5 cooperation with Conservation Corps
62.6 Minnesota and Iowa to encourage a diversity
62.7 of students to pursue careers in environment
62.8 and natural resources through internships and
62.9 mentorships with the Department of Natural
62.10 Resources, the Board of Water and Soil
62.11 Resources, and the Pollution Control Agency.
62.12 This appropriation is available until June 30,
62.13 2024, by which time the project must be
62.14 completed and final products delivered.

62.15 **Subd. 6. Aquatic and**
62.16 **Terrestrial Invasive Species**

5,400,000

-0-

62.17 **(a) Building Knowledge and Capacity to Solve**
62.18 **AIS Problems**

62.19 \$4,000,000 the first year is from the trust fund
62.20 to the Board of Regents of the University of
62.21 Minnesota to support the Minnesota Aquatic
62.22 Invasive Species Research Center in
62.23 developing solutions to Minnesota's aquatic
62.24 invasive species problems through research,
62.25 control, prevention, outreach, and early
62.26 detection of existing and emerging aquatic
62.27 invasive species threats. This appropriation is
62.28 available until June 30, 2023, by which time
62.29 the project must be completed and final
62.30 products delivered.

62.31 **(b) Oak Wilt Suppression at its Northern Edge**

62.32 \$100,000 the first year is from the trust fund
62.33 to the commissioner of natural resources for
62.34 an agreement with Morrison Soil and Water
62.35 Conservation District to eradicate the

63.1 northern-most occurrences of oak wilt in the
 63.2 state through mechanical means on select
 63.3 private properties to prevent oak wilt's spread
 63.4 to healthy state forest habitats.

63.5 **(c) Noxious Weed Detection and Eradication**

63.6 \$1,000,000 the first year is from the trust fund
 63.7 to the commissioner of agriculture to continue
 63.8 to monitor, detect, and eradicate noxious
 63.9 weeds, including Palmer Amaranth, primarily
 63.10 in conservation plantings and to develop and
 63.11 implement methods to prevent infestation and
 63.12 protect prairies, other natural areas, and
 63.13 agricultural crops. Of this amount, \$650,000
 63.14 is for grants to local communities to help
 63.15 combat infestations.

63.16 **(d) Emerald Ash Borer Response Grants**

63.17 \$300,000 the first year is from the trust fund
 63.18 to the commissioner of natural resources for
 63.19 grants to local units of government to replace
 63.20 ash trees removed from public lands in
 63.21 response to emerald ash borer with
 63.22 ecologically appropriate trees.

63.23 **Subd. 7. Air Quality and Renewable Energy**

1,485,000

-0-

63.24 **(a) Development of Clean Energy Storage**
 63.25 **Systems for Farms**

63.26 \$650,000 the first year is from the trust fund
 63.27 to the Board of Regents of the University of
 63.28 Minnesota for the West Central Research and
 63.29 Outreach Center at Morris to develop and test
 63.30 novel clean energy storage systems for farms
 63.31 using wind-generated ammonia to displace
 63.32 fossil fuels and reduce greenhouse gas
 63.33 emissions. This appropriation is subject to
 63.34 Minnesota Statutes, section 116P.10.

64.1 **(b) White Earth Nation Community Solar for**
 64.2 **Economic Resilience**

64.3 \$500,000 the first year is from the trust fund
 64.4 to the commissioner of natural resources for
 64.5 an agreement with Rural Renewable Energy
 64.6 Alliance to install a 200-kW White Earth
 64.7 community-owned solar garden to reduce
 64.8 greenhouse gas emissions, increase economic
 64.9 development through environmental education
 64.10 and solar workforce training, and improve
 64.11 energy resilience.

64.12 **(c) Sustainable Solar Energy from Agricultural**
 64.13 **Plant By-Products**

64.14 \$185,000 the first year is from the trust fund
 64.15 to the Board of Regents of the University of
 64.16 Minnesota, Morris, to use regional plant-based
 64.17 agricultural by-products to fabricate solar cells
 64.18 for creating renewable and affordable energy.

64.19 **(d) Morris Energy and Environment Community**
 64.20 **Resilience Plan**

64.21 \$150,000 the first year is from the trust fund
 64.22 to the commissioner of natural resources for
 64.23 an agreement with the city of Morris to
 64.24 develop and begin implementing community
 64.25 resilience plans for energy and the
 64.26 environment and to create a model guide for
 64.27 other Minnesota communities to create and
 64.28 implement their own plans.

64.29 **Subd. 8. Methods to Protect**
 64.30 **or Restore Land, Water, and**
 64.31 **Habitat**

806,000

5,960,000

-0-

64.32 **(a) Saving Endangered Pollinators through**
 64.33 **Data-Driven Prairie Restoration**

64.34 \$800,000 the first year is from the trust fund.
 64.35 Of this amount, \$630,000 is to the Minnesota
 64.36 Zoological Garden and \$170,000 is to the

65.1 commissioner of natural resources to
65.2 reestablish populations of Minnesota's
65.3 imperiled butterflies through reintroductions
65.4 and prairie restorations and by developing
65.5 foundational habitat recommendations for
65.6 preventing future extinctions. This
65.7 appropriation is available until June 30, 2023,
65.8 by which time the project must be completed
65.9 and final products delivered.

65.10 **(b) Promoting and Restoring Oak Savanna**
65.11 **Using Silvopasture**

65.12 \$750,000 the first year is from the trust fund
65.13 to the Board of Regents of the University of
65.14 Minnesota to demonstrate, evaluate, and
65.15 increase adoption of the combined use of
65.16 intensive tree, forage, and livestock
65.17 management as a method to restore threatened
65.18 oak savanna habitats.

65.19 **(c) Sauk River Dam Removal and Rock Rapids**
65.20 **Replacement**

65.21 \$2,768,000 the first year is from the trust fund
65.22 to the commissioner of natural resources for
65.23 an agreement with the city of Melrose to
65.24 remove an existing fixed-elevation dam,
65.25 construct a rock arch rapids, and conduct
65.26 in-stream and shoreline habitat restoration to
65.27 improve water quality and native fish passage
65.28 in the Sauk River. This project requires a
65.29 match of at least \$1,400,000 that must be
65.30 secured before trust fund money is spent. At
65.31 least \$700,000 of this match must come from
65.32 the city of Melrose. City of Melrose expenses
65.33 for the Sauk River dam removal and rock
65.34 rapids replacement incurred before July 1,
65.35 2019, may be counted toward the match.

66.1 **(d) Conserving and Monitoring Minnesota's**
66.2 **Rare Arctic Plants**

66.3 \$135,000 the first year is from the trust fund
66.4 to the Board of Regents of the University of
66.5 Minnesota to provide monitoring and invasive
66.6 species removal to conserve rare and
66.7 endangered arctic plants on Minnesota's North
66.8 Shore. This appropriation is available until
66.9 June 30, 2023, by which time the project must
66.10 be completed and final products delivered.

66.11 **(e) Nongame Wildlife Program Acceleration**

66.12 \$513,000 the first year is from the trust fund
66.13 to the commissioner of natural resources to
66.14 accelerate the nongame wildlife program,
66.15 including rare wildlife data collection, habitat
66.16 management, collaborative land protection,
66.17 conservation education, and a new emphasis
66.18 on promoting nature tourism to benefit
66.19 wildlife, visitors, and rural communities.

66.20 **(f) Lawns to Legumes**

66.21 \$806,000 in fiscal year 2019 and \$94,000 the
66.22 first year are from the trust fund to the Board
66.23 of Water and Soil Resources for demonstration
66.24 projects that provide grants or payments to
66.25 plant residential lawns with native vegetation
66.26 and pollinator-friendly forbs and legumes to
66.27 protect a diversity of pollinators. The board
66.28 must establish criteria for grants or payments
66.29 awarded under this section. Grants or
66.30 payments awarded under this section may be
66.31 made for up to 75 percent of the costs of the
66.32 project, except that in areas identified by the
66.33 United States Fish and Wildlife Service as
66.34 areas where there is a high potential for rusty
66.35 patched bumble bees to be present, grants may

67.1 be awarded for up to 90 percent of the costs
67.2 of the project.

67.3 **(g) Agricultural Weed Control Using**
67.4 **Autonomous Mowers**

67.5 \$900,000 is from the trust fund to the Board
67.6 of Regents of the University of Minnesota for
67.7 the West Central Research and Outreach
67.8 Center at Morris to design, integrate, and
67.9 field-test new technology mowers to control
67.10 weeds, reduce herbicide use, reduce energy
67.11 costs, and improve native vegetation and
67.12 forage quality on agricultural lands. This
67.13 appropriation is subject to Minnesota Statutes,
67.14 section 116P.10.

67.15 **Subd. 9. Land Acquisition,**
67.16 **Habitat, and Recreation**

-0-

26,351,000

-0-

67.17 **(a) Minnesota Scientific and Natural Areas**

67.18 \$3,500,000 the first year is from the trust fund
67.19 to the commissioner of natural resources for
67.20 the scientific and natural areas (SNA) program
67.21 to restore and enhance wildlife habitat on
67.22 SNAs, increase public involvement and
67.23 outreach, and strategically acquire high-quality
67.24 lands that meet criteria for SNAs under
67.25 Minnesota Statutes, section 86A.05, from
67.26 willing sellers. A list of proposed acquisitions
67.27 and restorations is required in the work plan.

67.28 **(b) Grants for Local Parks, Trails, and Natural**
67.29 **Areas**

67.30 \$3,000,000 the first year is from the trust fund
67.31 to the commissioner of natural resources to
67.32 solicit, rank, and fund competitive matching
67.33 grants for local parks, trail connections, and
67.34 natural and scenic areas under Minnesota
67.35 Statutes, section 85.019. The appropriation is

68.1 for local nature-based recreation, connections
68.2 to regional and state natural areas, and
68.3 recreation facilities and not for athletic
68.4 facilities such as sport fields, courts, and
68.5 playgrounds.

68.6 **(c) Minnesota State Parks and State Trails**
68.7 **In-Holdings**

68.8 \$2,000,000 the first year is from the trust fund
68.9 to the commissioner of natural resources to
68.10 acquire high-priority in-holdings from willing
68.11 sellers within the legislatively authorized
68.12 boundaries of state parks and trails to protect
68.13 Minnesota's natural heritage, enhance outdoor
68.14 recreational opportunities, and improve the
68.15 efficiency of public land management.
68.16 Priorities include but are not limited to
68.17 Minneopa, St. Croix, Frontenac, and Crow
68.18 Wing State Parks. A list of proposed
68.19 acquisitions is required in the work plan.

68.20 **(d) Minnesota State Trails Development**

68.21 \$5,000,000 the first year is from the trust fund
68.22 to the commissioner of natural resources to
68.23 expand high-priority recreational opportunities
68.24 on Minnesota's state trails by developing new
68.25 trail segments and rehabilitating, improving,
68.26 and enhancing existing state trails.
68.27 High-priority trail bridges to rehabilitate or
68.28 replace include, but are not limited to, those
68.29 on the Arrowhead, Central Lakes,
68.30 Harmony-Preston Valley, Matthew Lourey,
68.31 and North Shore State Trails. High-priority
68.32 trail segments to develop and enhance include,
68.33 but are not limited to, the Paul Bunyan,
68.34 Gateway, Heartland, Gitchi Gami, and
68.35 Minnesota Valley State Trails. A proposed list

69.1 of trail projects on legislatively authorized
69.2 state trails is required in the work plan. This
69.3 appropriation is available until June 30, 2021,
69.4 by which time the project must be completed
69.5 and final products delivered.

69.6 **(e) National Loon Center**

69.7 \$4,000,000 the first year is from the trust fund
69.8 to the commissioner of natural resources for
69.9 an agreement with the National Loon Center
69.10 Foundation, in partnership with a fiscal agent
69.11 to be approved by the Legislative-Citizen
69.12 Commission on Minnesota Resources, to
69.13 construct an approximately 15,000-square-foot
69.14 National Loon Center in Cross Lake dedicated
69.15 to loon survival, loon habitat protection and
69.16 research, and recreation. Of this amount, up
69.17 to \$1,449,000 is for planning, design, and
69.18 construction of approximately six outdoor
69.19 demonstration learning kiosks, interpretive
69.20 trails, boardwalks and boat docks, a fishing
69.21 dock, and native landscaping along
69.22 approximately 3,100 feet of shoreline. Any
69.23 remaining funds are for planning, engineering,
69.24 and constructing the building and indoor
69.25 exhibits. A land lease commitment of at least
69.26 25 years and fiscal sponsorship must be
69.27 secured before any trust fund money is spent.
69.28 This project requires a match of at least
69.29 \$6,000,000. At least \$2,000,000 of this match
69.30 must come from nonstate sources. If naming
69.31 rights will be conveyed, the National Loon
69.32 Center Foundation must include a plan for this
69.33 in the work plan. All matching funds must be
69.34 legally committed before any trust fund money
69.35 may be spent on planning activities for or

70.1 construction of the building and indoor
70.2 exhibits. Net income generated from
70.3 admissions, naming rights, and memberships
70.4 to the National Loon Center as a result of trust
70.5 fund contributions may be reinvested in the
70.6 center's long-term loon conservation efforts
70.7 as described in the work plan approved by the
70.8 Legislative-Citizen Commission on Minnesota
70.9 Resources according to Minnesota Statutes,
70.10 section 116P.10.

70.11 **(f) Accessible Fishing Piers**

70.12 \$320,000 the first year is from the trust fund
70.13 to the commissioner of natural resources to
70.14 provide accessible fishing piers in locations
70.15 that have a high potential to serve new angling
70.16 communities, underserved populations, and
70.17 anglers with physical disabilities. This
70.18 appropriation is available until June 30, 2021,
70.19 by which time the project must be completed
70.20 and final products delivered.

70.21 **(g) Mesabi Trail Extensions**

70.22 \$3,000,000 the first year is from the trust fund
70.23 to the commissioner of natural resources for
70.24 an agreement with the St. Louis and Lake
70.25 Counties Regional Railroad Authority for
70.26 environmental assessment, permitting,
70.27 right-of-way easements or other acquisition
70.28 as needed, and engineering for and
70.29 construction of four trail segments beginning
70.30 and ending at the following approximate
70.31 locations: Darwin Meyers Wildlife
70.32 Management Area to County Road 21,
70.33 Embarrass to Kugler, County Road 128 to the
70.34 Eagles Nest Town Hall, and Wolf Creek to
70.35 the Highway 169 underpass.

71.1 **(h) Birch Lake Recreation Area Campground**

71.2 \$350,000 the first year is from the trust fund
71.3 to the commissioner of natural resources for
71.4 an agreement with the city of Babbitt to
71.5 expand Birch Lake Recreation Area by adding
71.6 a new campground for recreational vehicles
71.7 and tent campers. This project requires a
71.8 match of at least \$2,800,000 that must be
71.9 secured before trust fund money is spent. At
71.10 least \$800,000 of this match must come from
71.11 the city of Babbitt. Net income generated from
71.12 admissions to the campground created as a
71.13 result of trust fund contributions may be
71.14 reinvested into the campground's long-term
71.15 operations as described in the work plan
71.16 approved by the Legislative-Citizen
71.17 Commission on Minnesota Resources
71.18 according to Minnesota Statutes, section
71.19 116P.10.

71.20 **(i) Britton Peak to Lutsen Mountain Bike Trail**

71.21 \$350,000 the first year are from the trust fund
71.22 to the commissioner of natural resources for
71.23 an agreement with the Superior Cycling
71.24 Association to create a sustainably designed
71.25 single-track mountain bike trail connecting
71.26 trail clusters and trailheads between Britton
71.27 Peak in Tofte and Lutsen Mountains as part
71.28 of northeast Minnesota's effort to become a
71.29 national recreation destination. This
71.30 appropriation is available until June 30, 2021,
71.31 by which time the project must be completed
71.32 and final products delivered.

71.33 **(j) Preserving Avon Hills with Reverse-Bidding**
71.34 **Easements**

72.1 \$1,600,000 the first year is from the trust fund
72.2 to the commissioner of natural resources for
72.3 an agreement with Saint John's University in
72.4 cooperation with Minnesota Land Trust to
72.5 restore and enhance protected lands, provide
72.6 public outreach, and prepare management
72.7 plans for and use a reverse-bid ranking system
72.8 to secure permanent conservation easements
72.9 on high-quality natural habitat in the Avon
72.10 Hills area of Stearns County. Of this amount,
72.11 up to \$168,000 is for use by Minnesota Land
72.12 Trust in a monitoring fund as approved in the
72.13 work plan and subject to Minnesota Statutes,
72.14 section 116P.20. An annual financial report is
72.15 required for any monitoring, management, and
72.16 enforcement fund, including expenditures from
72.17 the fund. A proposed list of acquisitions and
72.18 restorations must be provided in the work plan.
72.19 This appropriation is available until June 30,
72.20 2024, by which time the project must be
72.21 completed and final products delivered.

72.22 **(k) Bailey Lake Trail and Fishing Pier**

72.23 \$550,000 the first year is from the trust fund
72.24 to the commissioner of natural resources for
72.25 an agreement with the city of Virginia to
72.26 reconstruct the existing Bailey Lake Trail and
72.27 construct a new fishing pier on Bailey Lake
72.28 that is accessible from the trail.

72.29 **(l) Vergas Long Lake Trail**

72.30 \$290,000 the first year is from the trust fund
72.31 to the commissioner of natural resources for
72.32 an agreement with the city of Vergas to
72.33 construct a bicycle and pedestrian bridge, trail,
72.34 and floating boardwalk along Long Lake
72.35 including shoreline restoration and

73.1 stabilization with native plants. This
73.2 appropriation is available until June 30, 2021,
73.3 by which time the project must be completed
73.4 and final products delivered.

73.5 **(m) Glacial Edge Trail and Downtown**
73.6 **Pedestrian Bridge**

73.7 \$600,000 the first year is from the trust fund
73.8 to the commissioner of natural resources for
73.9 an agreement with the city of Fergus Falls to
73.10 acquire easements for and construct a trail
73.11 along the Otter Tail River in downtown Fergus
73.12 Falls and a bicycle and pedestrian bridge
73.13 crossing the river. This appropriation is
73.14 available until June 30, 2021, by which time
73.15 the project must be completed and final
73.16 products delivered.

73.17 **(n) Crane Lake to Vermilion Falls Trail**

73.18 \$400,000 the first year is from the trust fund
73.19 to the commissioner of natural resources for
73.20 an agreement with St. Louis County in
73.21 cooperation with Voyageur Country ATV
73.22 Club to designate and improve a wooded trail
73.23 from Crane Lake to Vermilion Falls to
73.24 accommodate all-terrain vehicle and
73.25 snowmobile users. This appropriation is
73.26 available until June 30, 2021, by which time
73.27 the project must be completed and final
73.28 products delivered.

73.29 **(o) Restoring Five Sections of Superior Hiking**
73.30 **Trail**

73.31 \$191,000 the first year is from the trust fund
73.32 to the commissioner of natural resources for
73.33 an agreement with the Superior Hiking Trail
73.34 Association to restore and repair the most
73.35 damaged parts of five sections of the Superior

- 74.1 Hiking Trail and restore an abandoned route
 74.2 to a natural footpath for hikers.
- 74.3 **(p) Rainy Lake Recreational Access and Boat**
 74.4 **Wash Station**
- 74.5 \$200,000 the first year is from the trust fund
 74.6 to the commissioner of natural resources for
 74.7 an agreement with the city of Ranier to
 74.8 enhance and increase public access to Rainy
 74.9 Lake by constructing an Americans with
 74.10 Disabilities Act (ADA)-compliant recreational
 74.11 parking lot, an ADA-compliant public
 74.12 restroom, and an aquatic invasive species boat
 74.13 wash station.
- 74.14 **(q) Historic Bruce Mine Park and Mesabi**
 74.15 **Trailhead**
- 74.16 \$1,000,000 the first year is from the trust fund
 74.17 to the commissioner of natural resources for
 74.18 a grant to the St. Louis and Lake Counties
 74.19 Regional Railroad Authority to engineer,
 74.20 design, renovate, and construct the Historic
 74.21 Bruce Mine Park and Mesabi Trailhead and
 74.22 access in the city of Chisholm. This
 74.23 appropriation is available until June 30, 2023,
 74.24 by which time the project must be completed
 74.25 and final products delivered.
- 74.26 **Subd. 10. Administration and**
 74.27 **Contract Agreement**
 74.28 **Reimbursement**

330,000

1,538,000

-0-

- 74.29 **(a) Contract Agreement Reimbursement**
- 74.30 \$135,000 the first year is from the trust fund
 74.31 to the commissioner of natural resources, at
 74.32 the direction of the Legislative-Citizen
 74.33 Commission on Minnesota Resources, for
 74.34 expenses incurred for preparing and
 74.35 administering contracts for the agreements

75.1 specified in this section. The commissioner
 75.2 must provide documentation to the
 75.3 Legislative-Citizen Commission on Minnesota
 75.4 Resources on the expenditure of these funds.
 75.5 This appropriation is available until June 30,
 75.6 2021, by which time the project must be
 75.7 completed and final products delivered.

75.8 **(b) Legislative-Citizen Commission on**
 75.9 **Minnesota Resources (LCCMR) Administration**

75.10 \$1,400,000 the first year is from the trust fund
 75.11 to the Legislative-Citizen Commission on
 75.12 Minnesota Resources for administration in
 75.13 fiscal years 2020 and 2021 as provided in
 75.14 Minnesota Statutes, section 116P.09,
 75.15 subdivision 5.

75.16 **(c) Legislative Coordinating Commission (LCC)**
 75.17 **Administration**

75.18 \$3,000 the first year is from the trust fund to
 75.19 the Legislative Coordinating Commission for
 75.20 the website required in Minnesota Statutes,
 75.21 section 3.303, subdivision 10.

75.22 **(d) Grants Management System**

75.23 \$330,000 in fiscal year 2019 is from the trust
 75.24 fund to the Legislative-Citizen Commission
 75.25 on Minnesota Resources to develop, enhance,
 75.26 and maintain a management system for project
 75.27 records.

75.28 **Subd. 11. Wastewater Treatment**
 75.29 **Recommendations**

500,000

-0-

75.30 **(a) Water Infrastructure Loans**

75.31 Up to \$5,000,000 of the money in the trust
 75.32 fund is available to the State Board of
 75.33 Investment to invest in loans through the
 75.34 Public Facilities Authority's clean water

76.1 revolving fund under Minnesota Statutes,
 76.2 section 446A.07. Notwithstanding Minnesota
 76.3 Statutes, section 446A.07, repayments of
 76.4 principal and interest and any investment
 76.5 income must be credited to the trust fund and
 76.6 are available for reinvestment in the clean
 76.7 water revolving fund.

76.8 **(b) Optimizing Local Mechanical and Pond**
 76.9 **Wastewater-Treatment Plants**

76.10 \$500,000 the first year is from the trust fund
 76.11 to the commissioner of the Pollution Control
 76.12 Agency for the pilot program created under
 76.13 Laws 2018, chapter 214, article 4, section 2,
 76.14 subdivision 4, paragraph (a). This
 76.15 appropriation is available until June 30, 2021,
 76.16 by which time projects must be completed and
 76.17 final products delivered.

76.18 **Subd. 12. Availability of Appropriations**

76.19 Money appropriated in this section may not
 76.20 be spent on activities unless they are directly
 76.21 related to and necessary for a specific
 76.22 appropriation and are specified in the work
 76.23 plan approved by the Legislative-Citizen
 76.24 Commission on Minnesota Resources. Money
 76.25 appropriated in this section must not be spent
 76.26 on indirect costs or other institutional overhead
 76.27 charges that are not directly related to and
 76.28 necessary for a specific appropriation. Costs
 76.29 that are directly related to and necessary for
 76.30 an appropriation, including financial services,
 76.31 human resources, information services, rent,
 76.32 and utilities, are eligible only if the costs can
 76.33 be clearly justified and individually
 76.34 documented specific to the appropriation's
 76.35 purpose and would not be generated by the

77.1 recipient but for receipt of the appropriation.
77.2 No broad allocations for costs in either dollars
77.3 or percentages are allowed. Unless otherwise
77.4 provided, the amounts in this section are
77.5 available until June 30, 2022, when projects
77.6 must be completed and final products
77.7 delivered. For acquisition of real property, the
77.8 appropriations in this section are available for
77.9 an additional fiscal year if a binding contract
77.10 for acquisition of the real property is entered
77.11 into before the expiration date of the
77.12 appropriation. If a project receives a federal
77.13 grant, the time period of the appropriation is
77.14 extended to equal the federal grant period.

77.15 **Subd. 13. Data Availability Requirements**

77.16 Data collected by the projects funded under
77.17 this section must conform to guidelines and
77.18 standards adopted by MN.IT Services. Spatial
77.19 data must also conform to additional
77.20 guidelines and standards designed to support
77.21 data coordination and distribution that have
77.22 been published by the Minnesota Geospatial
77.23 Information Office. Descriptions of spatial
77.24 data must be prepared as specified in the state's
77.25 geographic metadata guideline and must be
77.26 submitted to the Minnesota Geospatial
77.27 Information Office. All data must be
77.28 accessible and free to the public unless made
77.29 private under the Data Practices Act,
77.30 Minnesota Statutes, chapter 13. To the extent
77.31 practicable, summary data and results of
77.32 projects funded under this section should be
77.33 readily accessible on the Internet and
77.34 identified as having received funding from the
77.35 environment and natural resources trust fund.

- 78.1 **Subd. 14. Project Requirements**
- 78.2 (a) As a condition of accepting an
- 78.3 appropriation under this section, an agency or
- 78.4 entity receiving an appropriation or a party to
- 78.5 an agreement from an appropriation must
- 78.6 comply with paragraphs (b) to (l) and
- 78.7 Minnesota Statutes, chapter 116P, and must
- 78.8 submit a work plan and annual or semiannual
- 78.9 progress reports in the form determined by the
- 78.10 Legislative-Citizen Commission on Minnesota
- 78.11 Resources for any project funded in whole or
- 78.12 in part with funds from the appropriation.
- 78.13 Modifications to the approved work plan and
- 78.14 budget expenditures must be made through
- 78.15 the amendment process established by the
- 78.16 Legislative-Citizen Commission on Minnesota
- 78.17 Resources.
- 78.18 (b) A recipient of money appropriated in this
- 78.19 section that conducts a restoration using funds
- 78.20 appropriated in this section must use native
- 78.21 plant species according to the Board of Water
- 78.22 and Soil Resources' native vegetation
- 78.23 establishment and enhancement guidelines
- 78.24 and include an appropriate diversity of native
- 78.25 species selected to provide habitat for
- 78.26 pollinators throughout the growing season as
- 78.27 required under Minnesota Statutes, section
- 78.28 84.973.
- 78.29 (c) For all restorations conducted with money
- 78.30 appropriated under this section, a recipient
- 78.31 must prepare an ecological restoration and
- 78.32 management plan that, to the degree
- 78.33 practicable, is consistent with the
- 78.34 highest-quality conservation and ecological
- 78.35 goals for the restoration site. Consideration

79.1 should be given to soil, geology, topography,
79.2 and other relevant factors that would provide
79.3 the best chance for long-term success and
79.4 durability of the restoration project. The plan
79.5 must include the proposed timetable for
79.6 implementing the restoration, including site
79.7 preparation, establishment of diverse plant
79.8 species, maintenance, and additional
79.9 enhancement to establish the restoration;
79.10 identify long-term maintenance and
79.11 management needs of the restoration and how
79.12 the maintenance, management, and
79.13 enhancement will be financed; and take
79.14 advantage of the best-available science and
79.15 include innovative techniques to achieve the
79.16 best restoration.

79.17 (d) An entity receiving an appropriation in this
79.18 section for restoration activities must provide
79.19 an initial restoration evaluation at the
79.20 completion of the appropriation and an
79.21 evaluation three years after the completion of
79.22 the expenditure. Restorations must be
79.23 evaluated relative to the stated goals and
79.24 standards in the restoration plan, current
79.25 science, and, when applicable, the Board of
79.26 Water and Soil Resources' native vegetation
79.27 establishment and enhancement guidelines.
79.28 The evaluation must determine whether the
79.29 restorations are meeting planned goals,
79.30 identify any problems with implementing the
79.31 restorations, and, if necessary, give
79.32 recommendations on improving restorations.
79.33 The evaluation must be focused on improving
79.34 future restorations.

- 80.1 (e) All restoration and enhancement projects
80.2 funded with money appropriated in this section
80.3 must be on land permanently protected by a
80.4 conservation easement or public ownership.
- 80.5 (f) A recipient of money from an appropriation
80.6 under this section must give consideration to
80.7 contracting with Conservation Corps
80.8 Minnesota for contract restoration and
80.9 enhancement services.
- 80.10 (g) All conservation easements acquired with
80.11 money appropriated under this section must:
- 80.12 (1) be permanent;
- 80.13 (2) specify the parties to an easement in the
80.14 easement;
- 80.15 (3) specify all of the provisions of an
80.16 agreement that are permanent;
- 80.17 (4) be sent to the Legislative-Citizen
80.18 Commission on Minnesota Resources in an
80.19 electronic format at least ten business days
80.20 before closing;
- 80.21 (5) include a long-term monitoring and
80.22 enforcement plan and funding for monitoring
80.23 and enforcing the easement agreement; and
- 80.24 (6) include requirements in the easement
80.25 document to protect the quantity and quality
80.26 of groundwater and surface water through
80.27 specific activities such as keeping water on
80.28 the landscape, reducing nutrient and
80.29 contaminant loading, and not permitting
80.30 artificial hydrological modifications.
- 80.31 (h) For any acquisition of lands or interest in
80.32 lands, a recipient of money appropriated under
80.33 this section must not agree to pay more than

81.1 100 percent of the appraised value for a parcel
81.2 of land using this money to complete the
81.3 purchase, in part or in whole, except that up
81.4 to ten percent above the appraised value may
81.5 be allowed to complete the purchase, in part
81.6 or in whole, using this money if permission is
81.7 received in advance of the purchase from the
81.8 Legislative-Citizen Commission on Minnesota
81.9 Resources.

81.10 (i) For any acquisition of land or interest in
81.11 land, a recipient of money appropriated under
81.12 this section must give priority to high-quality
81.13 natural resources or conservation lands that
81.14 provide natural buffers to water resources.

81.15 (j) For new lands acquired with money
81.16 appropriated under this section, a recipient
81.17 must prepare an ecological restoration and
81.18 management plan in compliance with
81.19 paragraph (c), including sufficient funding for
81.20 implementation unless the work plan addresses
81.21 why a portion of the money is not necessary
81.22 to achieve a high-quality restoration.

81.23 (k) To ensure public accountability for using
81.24 public funds, a recipient of money
81.25 appropriated under this section must, within
81.26 60 days of the transaction, provide to the
81.27 Legislative-Citizen Commission on Minnesota
81.28 Resources documentation of the selection
81.29 process used to identify parcels acquired and
81.30 provide documentation of all related
81.31 transaction costs, including but not limited to
81.32 appraisals, legal fees, recording fees,
81.33 commissions, other similar costs, and
81.34 donations. This information must be provided
81.35 for all parties involved in the transaction. The

82.1 recipient must also report to the
82.2 Legislative-Citizen Commission on Minnesota
82.3 Resources any difference between the
82.4 acquisition amount paid to the seller and the
82.5 state-certified or state-reviewed appraisal, if
82.6 a state-certified or state-reviewed appraisal
82.7 was conducted.

82.8 (l) A recipient of an appropriation from the
82.9 trust fund under this section must acknowledge
82.10 financial support from the environment and
82.11 natural resources trust fund in project
82.12 publications, signage, and other public
82.13 communications and outreach related to work
82.14 completed using the appropriation.

82.15 Acknowledgment may occur, as appropriate,
82.16 through use of the trust fund logo or inclusion
82.17 of language attributing support from the trust
82.18 fund. Each direct recipient of money
82.19 appropriated in this section, as well as each
82.20 recipient of a grant awarded pursuant to this
82.21 section, must satisfy all reporting and other
82.22 requirements incumbent upon constitutionally
82.23 dedicated funding recipients as provided in
82.24 Minnesota Statutes, section 3.303, subdivision
82.25 10, and chapter 116P.

82.26 **Subd. 15. Payment Conditions and**
82.27 **Capital-Equipment Expenditures**

82.28 (a) All agreements, grants, or contracts
82.29 referred to in this section must be administered
82.30 on a reimbursement basis unless otherwise
82.31 provided in this section. Notwithstanding
82.32 Minnesota Statutes, section 16A.41,
82.33 expenditures made on or after July 1, 2019,
82.34 or the date the work plan is approved,
82.35 whichever is later, are eligible for

83.1 reimbursement unless otherwise provided in
83.2 this section. Periodic payments must be made
83.3 upon receiving documentation that the
83.4 deliverable items articulated in the approved
83.5 work plan have been achieved, including
83.6 partial achievements as evidenced by approved
83.7 progress reports. Reasonable amounts may be
83.8 advanced to projects to accommodate
83.9 cash-flow needs or match federal money. The
83.10 advances must be approved as part of the work
83.11 plan. No expenditures for capital equipment
83.12 are allowed unless expressly authorized in the
83.13 project work plan.

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

83.16 **Subd. 16. Purchase of Recycled and Recyclable**
83.17 **Materials**

83.18 A political subdivision, public or private
83.19 corporation, or other entity that receives an
83.20 appropriation under this section must use the
83.21 appropriation in compliance with Minnesota
83.22 Statutes, section 16C.0725, regarding
83.23 purchasing recycled, repairable, and durable
83.24 materials and Minnesota Statutes, section
83.25 16C.073, regarding purchasing and using
83.26 paper stock and printing.

83.27 **Subd. 17. Energy Conservation and Sustainable**
83.28 **Building Guidelines**

83.29 A recipient to whom an appropriation is made
83.30 under this section for a capital improvement
83.31 project must ensure that the project complies
83.32 with the applicable energy conservation and
83.33 sustainable building guidelines and standards
83.34 contained in law, including Minnesota
83.35 Statutes, sections 16B.325, 216C.19, and

84.1 216C.20, and rules adopted under those
84.2 sections. The recipient may use the energy
84.3 planning, advocacy, and State Energy Office
84.4 units of the Department of Commerce to
84.5 obtain information and technical assistance
84.6 on energy conservation and alternative-energy
84.7 development relating to planning and
84.8 constructing the capital improvement project.

84.9 **Subd. 18. Accessibility**

84.10 Structural and nonstructural facilities must
84.11 meet the design standards in the Americans
84.12 with Disabilities Act (ADA) accessibility
84.13 guidelines.

84.14 **Subd. 19. Carryforward; Extension**

84.15 (a) The availability of the appropriations for
84.16 the following projects is extended to June 30,
84.17 2020:

84.18 (1) Laws 2014, chapter 226, section 2,
84.19 subdivision 10, paragraph (c),
84.20 Legislative-Citizen Commission on Minnesota
84.21 Resources (LCCMR);

84.22 (2) Laws 2015, chapter 76, section 2,
84.23 subdivision 3, paragraph (g), Minnesota
84.24 Native Bee Atlas;

84.25 (3) Laws 2015, chapter 76, section 2,
84.26 subdivision 4, paragraph (f), Southeast
84.27 Minnesota Subsurface Drainage Impacts on
84.28 Groundwater Recharge;

84.29 (4) Laws 2015, chapter 76, section 2,
84.30 subdivision 10, Emerging Issues Account;

84.31 (5) Laws 2016, chapter 186, section 2,
84.32 subdivision 3, paragraph (a), Data-Driven
84.33 Pollinator Conservation Strategies;

- 85.1 (6) Laws 2016, chapter 186, section 2,
85.2 subdivision 3, paragraph (c), Prairie Butterfly
85.3 Conservation, Research, and Breeding - Phase
85.4 II;
- 85.5 (7) Laws 2016, chapter 186, section 2,
85.6 subdivision 4, paragraph (h), Protection of
85.7 State's Confined Drinking Water Aquifers -
85.8 Phase II;
- 85.9 (8) Laws 2016, chapter 186, section 2,
85.10 subdivision 4, paragraph (r), Morrison County
85.11 Performance Drainage and Hydrology
85.12 Management;
- 85.13 (9) Laws 2016, chapter 186, section 2,
85.14 subdivision 6, paragraph (c), Advancing
85.15 Microbial Invasive Species Monitoring from
85.16 Ballast Discharge;
- 85.17 (10) Laws 2016, chapter 186, section 2,
85.18 subdivision 6, paragraph (e), Elimination of
85.19 Target Invasive Plant Species - Phase II;
- 85.20 (11) Laws 2016, chapter 186, section 2,
85.21 subdivision 8, paragraph (a), Bee Pollinator
85.22 Habitat Enhancement - Phase II;
- 85.23 (12) Laws 2016, chapter 186, section 2,
85.24 subdivision 8, paragraph (b), Measuring Pollen
85.25 and Seed Dispersal for Prairie Fragment
85.26 Connectivity;
- 85.27 (13) Laws 2016, chapter 186, section 2,
85.28 subdivision 8, paragraph (f), Forest
85.29 Management for Mississippi River Drinking
85.30 Water Protection;
- 85.31 (14) Laws 2016, chapter 186, section 2,
85.32 subdivision 9, paragraph (b), Minnesota Point

86.1 Pine Forest Scientific and Natural Area
 86.2 Acquisition; and
 86.3 (15) Laws 2017, chapter 96, section 2,
 86.4 subdivision 4, paragraph (a), Assessment of
 86.5 Household Chemicals and Herbicides in
 86.6 Rivers and Lakes.
 86.7 (b) The availability of the appropriation under
 86.8 Laws 2017, chapter 96, section 2, subdivision
 86.9 7, paragraph (b), Assessment of Urban Air
 86.10 Quality, is extended to June 30, 2021.

86.11 Sec. 3. Laws 2015, chapter 76, section 2, subdivision 9, as amended by Laws 2018, chapter
 86.12 214, article 4, section 5, is amended to read:

86.13	Subd. 9. Land Acquisition for Habitat and		
86.14	Recreation	14,190,000	-0-

86.15 **(a) State Parks and Trails Land**
 86.16 **Acquisitions**
 86.17 \$1,500,000 the first year is from the trust fund
 86.18 to the commissioner of natural resources to
 86.19 acquire at least 335 acres for authorized state
 86.20 trails and critical parcels within the statutory
 86.21 boundaries of state parks. State park land
 86.22 acquired with this appropriation must be
 86.23 sufficiently improved to meet at least
 86.24 minimum management standards, as
 86.25 determined by the commissioner of natural
 86.26 resources. A list of proposed acquisitions must
 86.27 be provided as part of the required work plan.
 86.28 This appropriation is available until June 30,
 86.29 2018, by which time the project must be
 86.30 completed and final products delivered.

86.31 **(b) Metropolitan Regional Park System**
 86.32 **Land Acquisition - Phase IV**

87.1 \$1,000,000 the first year is from the trust fund
87.2 to the Metropolitan Council for grants to
87.3 acquire ~~at least 133~~ approximately 90 acres of
87.4 lands within the approved park unit boundaries
87.5 of the metropolitan regional park system. This
87.6 appropriation may not be used to purchase
87.7 habitable residential structures. A list of
87.8 proposed fee title and easement acquisitions
87.9 must be provided as part of the required work
87.10 plan. This appropriation must be matched by
87.11 at least 40 percent of nonstate money that must
87.12 be committed by December 31, 2015, or the
87.13 appropriation cancels. This appropriation is
87.14 available until June 30, 2018, by which time
87.15 the project must be completed and final
87.16 products delivered.

87.17 **(c) SNA Acquisition, Restoration,**
87.18 **Enhancement, and Public Engagement**

87.19 \$4,000,000 the first year is from the trust fund
87.20 to the commissioner of natural resources to
87.21 acquire at least 350 acres of lands with
87.22 high-quality native plant communities and rare
87.23 features to be established as scientific and
87.24 natural areas as provided in Minnesota
87.25 Statutes, section 86A.05, subdivision 5, restore
87.26 and improve at least 550 acres of scientific
87.27 and natural areas, and provide technical
87.28 assistance and outreach. A list of proposed
87.29 acquisitions must be provided as part of the
87.30 required work plan. Land acquired with this
87.31 appropriation must be sufficiently improved
87.32 to meet at least minimum management
87.33 standards, as determined by the commissioner
87.34 of natural resources. This appropriation is
87.35 available until June 30, 2018, by which time

88.1 the project must be completed and final
88.2 products delivered.

88.3 **(d) Native Prairie Stewardship and Prairie**
88.4 **Bank Easement Acquisition**

88.5 \$3,325,000 the first year is from the trust fund
88.6 to the commissioner of natural resources to
88.7 acquire native prairie bank easements on at
88.8 least 675 acres, prepare baseline property
88.9 assessments, restore and enhance at least 1,000
88.10 acres of native prairie sites, and provide
88.11 technical assistance to landowners. Of this
88.12 amount, up to \$195,000 must be deposited in
88.13 a conservation easement stewardship account.

88.14 Deposits into the conservation easement
88.15 stewardship account must be made upon
88.16 closing on conservation easements or at a time
88.17 otherwise approved in the work plan. A list of
88.18 proposed easement acquisitions must be
88.19 provided as part of the required work plan.

88.20 This appropriation is available until June 30,
88.21 2018, by which time the project must be
88.22 completed and final products delivered.

88.23 **(e) Metro Conservation Corridors - Phase**
88.24 **VIII Coordination, Mapping, and**
88.25 **Conservation Easements**

88.26 \$515,000 the first year is from the trust fund
88.27 to the commissioner of natural resources for
88.28 an agreement with the Minnesota Land Trust
88.29 for Phase VIII of the Metro Conservation
88.30 Corridors partnership to provide coordination
88.31 and mapping for the partnership and to acquire
88.32 permanent conservation easements on at least
88.33 120 acres of strategic ecological landscapes
88.34 to protect priority natural areas in the
88.35 metropolitan area, as defined under Minnesota

89.1 Statutes, section 473.121, subdivision 2, and
89.2 portions of the surrounding counties. A list of
89.3 proposed easement acquisitions must be
89.4 provided as part of the required work plan.
89.5 Land acquired with this appropriation must
89.6 be sufficiently improved to meet at least
89.7 minimum management standards, as
89.8 determined by the commissioner of natural
89.9 resources. Expenditures are limited to the
89.10 identified project corridor areas as defined in
89.11 the work plan. Up to \$40,000 may be used for
89.12 coordination and mapping for the Metro
89.13 Conservation Corridors. All conservation
89.14 easements must be perpetual and have a
89.15 natural resource management plan. A list of
89.16 proposed easement acquisitions must be
89.17 provided as part of the required work plan.
89.18 This appropriation is available June 30, 2018,
89.19 by which time the project must be completed
89.20 and final products delivered.

89.21 **(f) Metro Conservation Corridors - Phase**
89.22 **VIII Strategic Lands Protection**

89.23 \$750,000 the first year is from the trust fund
89.24 to the commissioner of natural resources for
89.25 an agreement with The Trust for Public Land
89.26 for Phase VIII of the Metro Conservation
89.27 Corridors partnership to acquire in fee at least
89.28 35 acres of high-quality priority state and local
89.29 natural areas in the metropolitan area, as
89.30 defined under Minnesota Statutes, section
89.31 473.121, subdivision 2, and portions of the
89.32 surrounding counties. A list of proposed
89.33 acquisitions must be provided as part of the
89.34 required work plan. Land acquired with this
89.35 appropriation must be sufficiently improved

90.1 to meet at least minimum management
90.2 standards, as determined by the commissioner
90.3 of natural resources. Expenditures are limited
90.4 to the identified project corridor areas as
90.5 defined in the work plan. This appropriation
90.6 may not be used to purchase habitable
90.7 residential structures, unless expressly
90.8 approved in the work plan. A list of fee title
90.9 acquisitions must be provided as part of the
90.10 required work plan. This appropriation is
90.11 available until June 30, 2018, by which time
90.12 the project must be completed and final
90.13 products delivered.

90.14 **(g) Metro Conservation Corridors - Phase**
90.15 **VIII Priority Expansion of Minnesota**
90.16 **Valley National Wildlife Refuge**

90.17 \$500,000 the first year is from the trust fund
90.18 to the commissioner of natural resources for
90.19 an agreement with the Minnesota Valley
90.20 National Wildlife Refuge Trust, Inc. for Phase
90.21 VIII of the Metro Conservation Corridors
90.22 partnership to acquire in fee at least 100 acres
90.23 of priority habitat for the Minnesota Valley
90.24 National Wildlife Refuge in the metropolitan
90.25 area, as defined under Minnesota Statutes,
90.26 section 473.121, subdivision 2, and portions
90.27 of the surrounding counties. A list of proposed
90.28 acquisitions must be provided as part of the
90.29 required work plan. Land acquired with this
90.30 appropriation must be sufficiently improved
90.31 to meet at least minimum management
90.32 standards. Expenditures are limited to the
90.33 identified project corridor areas as defined in
90.34 the work plan. This appropriation may not be
90.35 used to purchase habitable residential

91.1 structures, unless expressly approved in the
91.2 work plan. This appropriation is available until
91.3 June 30, 2018, by which time the project must
91.4 be completed and final products delivered.

91.5 **(h) Metro Conservation Corridors - Phase**
91.6 **VIII Wildlife Management Area**
91.7 **Acquisition**

91.8 \$400,000 the first year is from the trust fund
91.9 to the commissioner of natural resources for
91.10 Phase VIII of the Metro Conservation
91.11 Corridors partnership to acquire in fee at least
91.12 82 acres along the lower reaches of the
91.13 Vermillion River in Dakota County within the
91.14 Gores Pool Wildlife Management Area. Land
91.15 acquired with this appropriation must be
91.16 sufficiently improved to meet at least
91.17 minimum management standards. This
91.18 appropriation may not be used to purchase
91.19 habitable residential structures, unless
91.20 expressly approved in the work plan. This
91.21 appropriation is available until June 30, 2018,
91.22 by which time the project must be completed
91.23 and final products delivered.

91.24 **(i) Mesabi Trail Development Soudan to**
91.25 **Ely - Phase II**

91.26 \$1,000,000 the first year is from the trust fund
91.27 to the commissioner of natural resources for
91.28 an agreement with the St. Louis and Lake
91.29 Counties Regional Railroad Authority for the
91.30 right-of-way acquisition, design, and
91.31 construction of segments of the Mesabi Trail,
91.32 totaling approximately seven miles between
91.33 Soudan and Ely. This appropriation is
91.34 available until June 30, 2018, by which time

92.1 the project must be completed and final
92.2 products delivered.

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

92.4 **Conservation on North Central Lakes**

92.5 \$950,000 the first year is from the trust fund
92.6 to the Board of Water and Soil Resources to
92.7 secure permanent conservation easements on
92.8 at least 480 acres of high-quality habitat in
92.9 Crow Wing and Cass Counties. Of this
92.10 amount, up to \$65,000 must be deposited in a
92.11 conservation easement stewardship account;
92.12 and \$54,000 is for an agreement with the
92.13 Leech Lake Area Watershed Foundation in
92.14 cooperation with Crow Wing County Soil and
92.15 Water Conservation District and Cass County
92.16 Soil and Water Conservation District. Deposits
92.17 into the conservation easement stewardship
92.18 account must be made upon closing on
92.19 conservation easements or at a time otherwise
92.20 approved in the work plan. A list of proposed
92.21 easement acquisitions must be provided as
92.22 part of the required work plan. This
92.23 appropriation is available until June 30, 2018,
92.24 by which time the project must be completed
92.25 and final products delivered.

92.26 **(k) Conservation Easement Assessment and**

92.27 **Valuation System Development**

92.28 \$250,000 the first year is from the trust fund
92.29 to the Board of Regents of the University of
92.30 Minnesota to assess the effectiveness of
92.31 existing conservation easements acquired
92.32 through state expenditures at achieving their
92.33 intended outcomes of public value and
92.34 ecological benefits and to develop a
92.35 standardized, objective conservation easement

93.1 valuation system for guiding future state
 93.2 investments in conservation easements to
 93.3 ensure the proposed environmental benefits
 93.4 are being achieved in a cost-effective manner.
 93.5 This appropriation is available until June 30,
 93.6 2018, by which time the project must be
 93.7 completed and final products delivered.

93.8 Sec. 4. Laws 2017, chapter 96, section 2, subdivision 9, is amended to read:

93.9	Subd. 9. Land Acquisition,			
93.10	Habitat, and Recreation	999,000	13,533,000	-0-

93.11 **(a) Metropolitan Regional Parks System Land**
 93.12 **Acquisition**

93.13 \$1,500,000 the first year is from the trust fund
 93.14 to the Metropolitan Council for grants to
 93.15 acquire approximately ~~197~~ 70 acres of land
 93.16 within the approved park boundaries of the
 93.17 metropolitan regional park system. This
 93.18 appropriation may not be used to purchase
 93.19 habitable residential structures. A list of
 93.20 proposed fee title acquisitions must be
 93.21 provided as part of the required work plan.
 93.22 This appropriation must be matched by at least
 93.23 40 percent of nonstate money that must be
 93.24 committed by December 31, 2017. This
 93.25 appropriation is available until June 30, 2020,
 93.26 by which time the project must be completed
 93.27 and final products delivered.

93.28 **(b) Scientific and Natural Areas Acquisition and**
 93.29 **Restoration, Citizen Science, and Engagement**

93.30 \$2,500,000 the first year is from the trust fund
 93.31 to the commissioner of natural resources to
 93.32 acquire ~~at least 250 acres of~~ land with
 93.33 high-quality native plant communities and rare
 93.34 features to be established as scientific and
 93.35 natural areas as provided in Minnesota

94.1 Statutes, section 86A.05, subdivision 5, restore
94.2 and improve ~~at least 1,000 acres of~~ scientific
94.3 and natural areas, and provide technical
94.4 assistance and outreach, including site steward
94.5 events. At least one-third of the appropriation
94.6 must be spent on restoration activities. A list
94.7 of proposed acquisitions and restorations must
94.8 be provided as part of the required work plan.
94.9 Land acquired with this appropriation must
94.10 be sufficiently improved to meet at least
94.11 minimum management standards, as
94.12 determined by the commissioner of natural
94.13 resources. When feasible, consideration must
94.14 be given to accommodate trails on lands
94.15 acquired. This appropriation is available until
94.16 June 30, 2020, by which time the project must
94.17 be completed and final products delivered.

94.18 **(c) Minnesota State Parks and State Trails Land**
94.19 **Acquisition**

94.20 \$1,500,000 the first year is from the trust fund
94.21 to the commissioner of natural resources to
94.22 acquire approximately 373 acres from willing
94.23 sellers for authorized state trails and critical
94.24 parcels within the statutory boundaries of state
94.25 parks. State park land acquired with this
94.26 appropriation must be sufficiently improved
94.27 to meet at least minimum management
94.28 standards, as determined by the commissioner
94.29 of natural resources. A list of proposed
94.30 acquisitions must be provided as part of the
94.31 required work plan. This appropriation is
94.32 available until June 30, 2020, by which time
94.33 the project must be completed and final
94.34 products delivered.

94.35 **(d) Minnesota State Trails Acquisition,**
94.36 **Development, and Enhancement**

95.1 \$999,000 in fiscal year 2017 and \$39,000 the
95.2 first year are from the trust fund to the
95.3 commissioner of natural resources for state
95.4 trail acquisition, development, and
95.5 enhancement in southern Minnesota. A
95.6 proposed list of trail projects on authorized
95.7 state trails must be provided as part of the
95.8 required work plan. This appropriation is
95.9 available until June 30, 2020, by which time
95.10 the project must be completed and final
95.11 products delivered.

95.12 **(e) Native Prairie Stewardship and Prairie Bank**
95.13 **Easement Acquisition**

95.14 \$2,675,000 the first year is from the trust fund
95.15 to the commissioner of natural resources to
95.16 acquire native prairie bank easements in
95.17 accordance with Minnesota Statutes, section
95.18 84.96, on approximately ~~335~~ 250 acres,
95.19 prepare baseline property assessments, restore
95.20 and enhance ~~at least 570 acres of~~ native prairie
95.21 sites, and provide technical assistance to
95.22 landowners. Of this amount, up to \$132,000
95.23 may be deposited in a conservation easement
95.24 stewardship account. Deposits into the
95.25 conservation easement stewardship account
95.26 must be made upon closing on conservation
95.27 easements or at a time otherwise approved in
95.28 the work plan. A list of proposed easement
95.29 acquisitions must be provided as part of the
95.30 required work plan. This appropriation is
95.31 available until June 30, 2020, by which time
95.32 the project must be completed and final
95.33 products delivered.

95.34 **(f) Leech Lake Acquisition**

96.1 \$1,500,000 the first year is from the trust fund
96.2 to the commissioner of natural resources for
96.3 an agreement with the Leech Lake Band of
96.4 Ojibwe to acquire approximately 45 acres,
96.5 including 0.67 miles of shoreline of
96.6 high-quality aquatic and wildlife habitat at the
96.7 historic meeting place between Henry
96.8 Schoolcraft and the Anishinabe people. The
96.9 land must be open to public use including
96.10 hunting and fishing. The band must provide a
96.11 commitment that land will not be put in a
96.12 federal trust through the Bureau of Indian
96.13 Affairs.

96.14 **(g) Mesabi Trail Development**

96.15 \$2,269,000 the first year is from the trust fund
96.16 to the commissioner of natural resources for
96.17 an agreement with the St. Louis and Lake
96.18 Counties Regional Railroad Authority for
96.19 engineering and constructing segments of the
96.20 Mesabi Trail. This appropriation is available
96.21 until June 30, 2020, by which time the project
96.22 must be completed and final products
96.23 delivered.

96.24 **(h) Tower Trailhead Boat Landing and Habitat
96.25 Improvement - Phase II**

96.26 \$600,000 the first year is from the trust fund
96.27 to the commissioner of natural resources for
96.28 an agreement with the city of Tower to
96.29 construct a trailhead and boat landing and
96.30 restore vegetative habitat on city-owned
96.31 property. Plant and seed materials must follow
96.32 the Board of Water and Soil Resources' native
96.33 vegetation establishment and enhancement
96.34 guidelines. This appropriation is available until

97.1 June 30, 2020, by which time the project must
97.2 be completed and final products delivered.

97.3 **(i) Land Acquisition for Voyageurs National**
97.4 **Park Crane Lake Visitors Center**

97.5 \$950,000 the first year is from the trust fund
97.6 to the commissioner of natural resources for
97.7 an agreement with the town of Crane Lake, in
97.8 partnership with Voyageurs National Park and
97.9 the Department of Natural Resources, to
97.10 acquire approximately 30 acres to be used for
97.11 a visitor center and campground. Income
97.12 generated by the campground may be used to
97.13 support the facility.

97.14 Sec. 5. **TRANSFER.**

97.15 On June 30, 2019, any unencumbered money from Laws 2017, chapter 96, section 2,
97.16 subdivision 10, paragraph (b), is transferred to the grants management system under Laws
97.17 2016, chapter 186, section 2, subdivision 10, paragraph (b).

97.18 Sec. 6. **EFFECTIVE DATE.**

97.19 Sections 1 to 5 are effective the day following final enactment.

97.20 **ARTICLE 3**

97.21 **ENVIRONMENT AND NATURAL RESOURCES**

97.22 Section 1. **[1.1465] STATE BEE.**

97.23 Subdivision 1. **Rusty patched bumble bee.** The rusty patched bumble bee, *Bombus*
97.24 *affinis*, is the official bee of the state of Minnesota.

97.25 Subd. 2. **Photograph.** A photograph of the rusty patched bumble bee must be preserved
97.26 in the Office of the Secretary of State.

97.27 Sec. 2. Minnesota Statutes 2018, section 17.035, subdivision 1, is amended to read:

97.28 Subdivision 1. **Reimbursement.** A meat processor holding a license under chapter 28A
97.29 may apply to the commissioner of agriculture for reimbursement of ~~\$70~~ \$150 towards the
97.30 processor's reasonable and documented cost of processing donated deer, as determined by
97.31 the commissioner within the limits of available funding. The meat processor shall deliver