

ARTICLE 2

ENVIRONMENT AND NATURAL RESOURCES TRUST FUNDSection 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.

<u>APPROPRIATIONS</u> <u>Available for the Year</u> <u>Ending June 30</u>	
2020	2021

Sec. 2. MINNESOTA RESOURCES

Subdivision 1. Total Appropriation	\$	61,387,000	\$	-0-
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The amounts that may be spent for each purpose are specified in the following subdivisions. Appropriations 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

Section 1. **APPROPRIATIONS.**

The sums shown in the columns marked "Appropriations" are appropriated to the agencies and for the purposes specified in this act. 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 act 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

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

39.14	<u>established under the Minnesota Constitution,</u>		
39.15	<u>article XI, section 14.</u>		
39.16	<u>Subd. 3. Foundational Natural Resource Data</u>		
39.17	<u>and Information</u>	<u>9,204,000</u>	<u>-0-</u>
39.18	<u>(a) Minnesota Biological Survey</u>		
39.19	<u>\$1,500,000 the first year is from the trust fund</u>		
39.20	<u>to the commissioner of natural resources for</u>		
39.21	<u>the Minnesota biological survey to complete</u>		
39.22	<u>the statewide field surveys begun in 1987 to</u>		
39.23	<u>provide a foundation for conserving biological</u>		
39.24	<u>diversity by systematically collecting,</u>		
39.25	<u>interpreting, and delivering data on native and</u>		
39.26	<u>rare species, pollinators, and native plant</u>		
39.27	<u>communities throughout Minnesota. Any</u>		
39.28	<u>revenues generated through the publication of</u>		
39.29	<u>books or other resources created through this</u>		
39.30	<u>appropriation may be reinvested as described</u>		
39.31	<u>in the work plan approved by the</u>		
39.32	<u>Legislative-Citizen Commission on Minnesota</u>		
39.33	<u>Resources according to Minnesota Statutes,</u>		
39.34	<u>section 116P.10.</u>		
40.1	<u>(b) Restoring Native Mussels in Streams and</u>		
40.2	<u>Lakes</u>		
40.3	<u>\$500,000 the first year is from the trust fund</u>		
40.4	<u>to the commissioner of natural resources to</u>		
40.5	<u>restore native freshwater mussel assemblages,</u>		
40.6	<u>and the ecosystem services they provide, in</u>		
40.7	<u>the Mississippi, Cedar, and Cannon Rivers</u>		
40.8	<u>and to inform the public on mussels and</u>		
40.9	<u>mussel conservation. This appropriation is</u>		
40.10	<u>available until June 30, 2021, by which time</u>		
40.11	<u>the project must be completed and final</u>		
40.12	<u>products delivered.</u>		
40.13	<u>(c) Minnesota Trumpeter Swan Migration</u>		
40.14	<u>Ecology and Conservation</u>		

2.13	<u>established under the Minnesota Constitution,</u>		
2.14	<u>article XI, section 14.</u>		
2.15	<u>Subd. 3. Foundational</u>		
2.16	<u>Natural Resource Data and</u>		
2.17	<u>Information</u>	<u>636,000</u>	<u>9,918,000</u>
2.18	<u>(a) Minnesota Biological Survey</u>		<u>-0-</u>
2.19	<u>\$1,500,000 the first year is from the trust fund</u>		
2.20	<u>to the commissioner of natural resources for</u>		
2.21	<u>the Minnesota biological survey to complete</u>		
2.22	<u>the statewide field surveys begun in 1987 to</u>		
2.23	<u>provide a foundation for conserving biological</u>		
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2.26	<u>rare species, pollinators, and native plant</u>		
2.27	<u>communities throughout Minnesota. Any</u>		
2.28	<u>revenues generated through the publication of</u>		
2.29	<u>books or other resources created through this</u>		
2.30	<u>appropriation may be reinvested as described</u>		
2.31	<u>in the work plan approved by the</u>		
2.32	<u>Legislative-Citizen Commission on Minnesota</u>		
2.33	<u>Resources according to Minnesota Statutes,</u>		
2.34	<u>section 116P.10.</u>		
2.35	<u>(b) Restoring Native Mussels in Streams and</u>		
2.36	<u>Lakes</u>		
3.1	<u>\$500,000 the first year is from the trust fund</u>		
3.2	<u>to the commissioner of natural resources to</u>		
3.3	<u>restore native freshwater mussel assemblages,</u>		
3.4	<u>and the ecosystem services they provide, in</u>		
3.5	<u>the Mississippi, Cedar, and Cannon Rivers</u>		
3.6	<u>and to inform the public on mussels and</u>		
3.7	<u>mussel conservation. This appropriation is</u>		
3.8	<u>available until June 30, 2021, by which time</u>		
3.9	<u>the project must be completed and final</u>		
3.10	<u>products delivered.</u>		
3.19	<u>(d) Minnesota Trumpeter Swan Migration</u>		
3.20	<u>Ecology and Conservation</u>		

40.15 \$300,000 the first year is from the trust fund
40.16 to the Board of Regents of the University of
40.17 Minnesota to document the movement and
40.18 habitat use of Minnesota trumpeter swans to
40.19 provide foundational information necessary
40.20 for trumpeter swan management and
40.21 conservation. This appropriation is available
40.22 until June 30, 2023, by which time the project
40.23 must be completed and final products
40.24 delivered.

40.25 **(d) Understanding Brainworm Transmission to**
40.26 **Find Solutions for Minnesota Moose Decline**

40.27 \$400,000 the first year is from the trust fund
40.28 to the Board of Regents of the University of
40.29 Minnesota to identify key habitats and vectors
40.30 of brainworm transmission between deer and
40.31 moose that may be targeted by resource
40.32 management to mitigate moose exposure to
40.33 this deadly condition.

40.34 **(e) Accelerated Aggregate Resource Mapping**

41.1 \$700,000 the first year is from the trust fund
41.2 to the commissioner of natural resources to
41.3 map the aggregate resource potential for four
41.4 counties and make this information available
41.5 in print and electronic format to local units of
41.6 government for use in planning and zoning.

41.7 **(f) Red-Headed Woodpeckers as Indicators of**
41.8 **Oak Savanna Health**

41.9 \$171,000 the first year is from the trust fund
41.10 to the Board of Regents of the University of
41.11 Minnesota to evaluate red-headed woodpecker
41.12 survival and habitat needs and to use this data
41.13 to develop and disseminate a long-term oak
41.14 savanna management plan that supports
41.15 red-headed woodpeckers and other oak
41.16 savanna habitat-dependent species.

3.21 \$300,000 the first year is from the trust fund
3.22 to the Board of Regents of the University of
3.23 Minnesota to document the movement and
3.24 habitat use of Minnesota trumpeter swans to
3.25 provide foundational information necessary
3.26 for trumpeter swan management and
3.27 conservation. This appropriation is available
3.28 until June 30, 2023, by which time the project
3.29 must be completed and final products
3.30 delivered.

4.7 **(f) Understanding Brainworm Transmission to**
4.8 **Find Solutions for Minnesota Moose Decline**

4.9 \$400,000 the first year is from the trust fund
4.10 to the Board of Regents of the University of
4.11 Minnesota to identify key habitats and vectors
4.12 of brainworm transmission between deer and
4.13 moose that may be targeted by resource
4.14 management to mitigate moose exposure to
4.15 this deadly condition.

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

4.26 \$700,000 the first year is from the trust fund
4.27 to the commissioner of natural resources to
4.28 map the aggregate resource potential for four
4.29 counties and make this information available
4.30 in print and electronic format to local units of
4.31 government for use in planning and zoning.

5.10 **(j) Red-Headed Woodpeckers as Indicators of**
5.11 **Oak Savanna Health**

5.12 \$171,000 the first year is from the trust fund
5.13 to the Board of Regents of the University of
5.14 Minnesota to evaluate red-headed woodpecker
5.15 survival and habitat needs and to use this data
5.16 to develop and disseminate a long-term oak
5.17 savanna management plan that supports
5.18 red-headed woodpeckers and other oak
5.19 savanna habitat-dependent species.

41.17 **(g) Mapping Aquatic Habitats for Moose**

41.18 \$199,000 the first year is from the trust fund
41.19 to the Board of Regents of the University of
41.20 Minnesota to determine key water habitats
41.21 used by moose in northern forested regions of
41.22 Minnesota, measure the effects of moose
41.23 foraging on aquatic plant and fish diversity,
41.24 and provide educational programming
41.25 materials for the public.

41.26 **(h) Improving Statewide GIS Data by Restoring**
41.27 **the Public Land Survey**

41.28 \$135,000 the first year is from the trust fund
41.29 to the commissioner of natural resources for
41.30 an agreement with the Minnesota Association
41.31 of County Surveyors to conduct a pilot project
41.32 with Grant County to remonument and certify
41.33 the public land survey corners in Lawrence
41.34 Township. This appropriation is available until
42.1 June 30, 2021, by which time the project must
42.2 be completed and final products delivered.

42.3 **(i) County Geologic Atlases - Part A, Mapping**
42.4 **Geology**

42.5 ~~\$500,000~~ the first year is from the trust fund
42.6 to the Board of Regents of the University of
42.7 Minnesota, Minnesota Geological Survey, to
42.8 continue producing county geologic atlases to
42.9 inform management of surface water and
42.10 groundwater resources. This appropriation is
42.11 to complete Part A, which focuses on the
42.12 properties and distribution of earth materials
42.13 to define aquifer boundaries and the
42.14 connection of aquifers to the land surface and
42.15 surface water resources.

42.16 **(j) Unlocking Science of Minnesota's Moose**
42.17 **Decline**

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

5.32 \$199,000 the first year is from the trust fund
5.33 to the Board of Regents of the University of
5.34 Minnesota to determine key water habitats
5.35 used by moose in northern forested regions of
6.1 Minnesota, measure the effects of moose
6.2 foraging on aquatic plant and fish diversity,
6.3 and provide educational programming
6.4 materials for the public.

6.5 **(m) Improving Statewide GIS Data by Restoring**
6.6 **the Public Land Survey**

6.7 \$135,000 the first year is from the trust fund
6.8 to the commissioner of natural resources for
6.9 an agreement with the Minnesota Association
6.10 of County Surveyors to conduct a pilot project
6.11 with Grant County to remonument and certify
6.12 the public land survey corners in Lawrence
6.13 Township. This appropriation is available until
6.14 June 30, 2021, by which time the project must
6.15 be completed and final products delivered.

6.16 **(n) County Geologic Atlases - Part A, Mapping**
6.17 **Geology**

6.18 ~~\$2,000,000~~ the first year is from the trust fund
6.19 to the Board of Regents of the University of
6.20 Minnesota, Minnesota Geological Survey, to
6.21 continue producing county geologic atlases to
6.22 inform management of surface water and
6.23 groundwater resources. This appropriation is
6.24 to complete Part A, which focuses on the
6.25 properties and distribution of earth materials
6.26 to define aquifer boundaries and the
6.27 connection of aquifers to the land surface and
6.28 surface water resources.

7.7 **(p) Unlocking Science of Minnesota's Moose**
7.8 **Decline**

42.18 \$199,000 the first year is from the trust fund
42.19 to the Minnesota Zoological Garden to
42.20 develop educational displays, interactive
42.21 exhibits, and engaging online programs that
42.22 summarize and share scientific findings about
42.23 moose decline in Minnesota. This
42.24 appropriation is available until June 30, 2021,
42.25 by which time the project must be completed
42.26 and final products delivered.

42.27 **(k) Forest and Bioeconomy Research**

42.28 \$2,200,000 the first year is to the Board of
42.29 Regents of the University of Minnesota for
42.30 academic and applied research through
42.31 MnDRIVE at the Natural Resources Research
42.32 Institute to develop and demonstrate
42.33 technologies that enhance the long-term health
42.34 of Minnesota's forests, extend the viability of
42.35 current forest-based industries, and accelerate
43.1 emerging industry opportunities. Of this
43.2 amount, \$500,000 is to support development
43.3 of a forest optimization tool for Minnesota
43.4 forest resources, \$800,000 is for maintenance
43.5 and expansion of the Natural Resource Atlas
43.6 to statewide coverage, \$400,000 is to the
43.7 Minnesota Forest Resource Council for
43.8 continued advancement of biochar
43.9 development and application to forest health,
43.10 and \$500,000 is to advance emerging
43.11 Minnesota technologies to produce clean
43.12 syngas to drive high-value markets for forest
43.13 biomass feedstocks.

43.14 **(l) Minerals and Water Research**

43.15 \$2,400,000 the first year is to the Board of
43.16 Regents of the University of Minnesota for
43.17 academic and applied research through
43.18 MnDRIVE at the Natural Resources Research
43.19 Institute to develop and demonstrate
43.20 technologies that enhance long-term

7.9 \$199,000 the first year is from the trust fund
7.10 to the Minnesota Zoological Garden to
7.11 develop educational displays, interactive
7.12 exhibits, and engaging online programs that
7.13 summarize and share scientific findings about
7.14 moose decline in Minnesota. This
7.15 appropriation is available until June 30, 2021,
7.16 by which time the project must be completed
7.17 and final products delivered.

43.21 Minnesota mineral opportunities. Of this
43.22 amount:

43.23 (1) \$800,000 is to support continued applied
43.24 research to advance new technologies to
43.25 improve water quality:

43.26 (2) \$700,000 is to initiate the characterization
43.27 of western Mesabi iron resources and
43.28 development of next-generation Minnesota
43.29 iron products:

43.30 (3) \$500,000 is to develop emerging
43.31 hydrometallurgy technology to support
43.32 high-value mineral product development in
43.33 Minnesota; and

44.1 (4) \$400,000 is to support efforts of the
44.2 Natural Resources Research Institute to
44.3 accelerate demonstration of high-capacity,
44.4 cost-effective energy storage using
44.5 Minnesota's historical auxiliary mine lands.

44.6 This research must be conducted in
44.7 consultation with the Minerals Coordinating
44.8 Committee established under Minnesota
44.9 Statutes, section 93.0015.

3.11 **(c) Quantifying Exposure of Minnesota's**
3.12 **Raptors to Mercury and PFAS**

3.13 \$250,000 the first year is from the trust fund
3.14 to the commissioner of natural resources for
3.15 an agreement with the Hawk Ridge Bird
3.16 Observatory to quantify the exposure and
3.17 health risk of two environmental neurotoxins
3.18 to Minnesota raptors.

3.31 **(e) Spruce Grouse as Indicators for Boreal**
3.32 **Forest Connectivity**

3.33 \$350,000 the first year is from the trust fund
3.34 to the Board of Regents of the University of
3.35 Minnesota for the Raptor Center to evaluate

4.1 how to best harvest timber in the boreal forest
4.2 to enable wildlife with small home ranges,
4.3 such as spruce grouse, to thrive in a changing
4.4 landscape. This appropriation is available until
4.5 June 30, 2023, by which time the project must
4.6 be completed and final products delivered.

4.16 **(g) Mapping Habitat Use and Disease of Urban**
4.17 **Carnivores**

4.18 \$500,000 the first year is from the trust fund
4.19 to the Board of Regents of the University of
4.20 Minnesota to map habitat use and diseases of
4.21 urban foxes and coyotes, evaluate risks these
4.22 animals may pose to people and pets, and
4.23 generate information needed to reduce
4.24 human-wildlife conflicts.

4.32 **(i) Den Boxes for Fishers and Other Nesting**
4.33 **Wildlife**

4.34 \$190,000 the first year is from the trust fund
4.35 to the Board of Regents of the University of
5.1 Minnesota for the Natural Resources Research
5.2 Institute in Duluth to build, install, and
5.3 evaluate den boxes as habitat enhancement
5.4 for fishers and other cavity-nesting wildlife in
5.5 managed forests where a lack of large trees
5.6 may be threatening population survival. The
5.7 final outcome for the project must include
5.8 guidelines and best practices for use of den
5.9 boxes for fisher habitat.

5.20 **(k) Implementing Conservation Plans for Avian**
5.21 **Species of Concern**

5.22 \$124,000 the first year is from the trust fund
5.23 to the commissioner of natural resources for
5.24 an agreement with the National Audubon
5.25 Society, Minnesota office, to establish
5.26 benchmark survey sites for implementing and
5.27 tracking outcomes of collaborative restoration
5.28 and enhancement activities within Important

44.10	Subd. 4. <u>Water Resources</u>	<u>4,469,000</u>	<u>-0-</u>
44.11	<u>(a) Determining Influence of Insecticides on</u>		
44.12	<u>Algal Blooms</u>		
44.13	<u>\$350,000 the first year is from the trust fund</u>		
44.14	<u>to the Board of Regents of the University of</u>		
44.15	<u>Minnesota to quantify the occurrence of</u>		
44.16	<u>neonicotinoid insecticides in Minnesota's</u>		
44.17	<u>surface waters and groundwaters and assess</u>		
44.18	<u>if the insecticides are contributing to the</u>		
44.19	<u>formation of algal blooms.</u>		

5.29	<u>Bird Areas for three bird species of</u>
5.30	<u>conservation concern.</u>
6.29	<u>(o) County Geologic Atlases - Part B, Mapping</u>
6.30	<u>Aquifer Hydrology</u>
6.31	<u>\$2,400,000 the first year is from the trust fund</u>
6.32	<u>to the commissioner of natural resources to</u>
6.33	<u>continue producing county geologic atlases to</u>
6.34	<u>inform management of surface water and</u>
6.35	<u>groundwater resources for drinking water and</u>
7.1	<u>other purposes. This appropriation is for Part</u>
7.2	<u>B, which uses the geologic formations mapped</u>
7.3	<u>in Part A of the county geologic atlases to</u>
7.4	<u>characterize the potential water yields of</u>
7.5	<u>aquifers and the aquifers' sensitivity to</u>
7.6	<u>contamination.</u>
7.18	<u>(q) Native Bee Survey</u>
7.19	<u>\$636,000 in fiscal year 2019 is from the trust</u>
7.20	<u>fund to the commissioner of natural resources</u>
7.21	<u>to continue to assess the current status and</u>
7.22	<u>distribution of native bee pollinators in</u>
7.23	<u>Minnesota by expanding surveys into the</u>
7.24	<u>coniferous-deciduous forest region of</u>
7.25	<u>Minnesota and facilitating interagency</u>
7.26	<u>collaboration and public outreach on</u>
7.27	<u>pollinators.</u>
7.28	Subd. 4. <u>Water Resources</u>
7.29	<u>(a) Determining Influence of Insecticides on</u>
7.30	<u>Algal Blooms</u>
7.31	<u>\$350,000 the first year is from the trust fund</u>
7.32	<u>to the Board of Regents of the University of</u>
7.33	<u>Minnesota to quantify the occurrence of</u>
7.34	<u>neonicotinoid insecticides in Minnesota's</u>
7.35	<u>surface waters and groundwaters and assess</u>
8.1	<u>if the insecticides are contributing to the</u>
8.2	<u>formation of algal blooms.</u>

<u>5,066,000</u>	<u>-0-</u>
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44.20 **(b) Benign Design: Environmental Studies**
44.21 **Leading to Sustainable Pharmaceuticals**

44.22 \$415,000 the first year is from the trust fund
44.23 to the Board of Regents of the University of
44.24 Minnesota to determine how to best remove
44.25 harmful fluorinated pharmaceuticals during
44.26 wastewater treatment and to develop alternate
44.27 versions of these compounds that are
44.28 medically useful but environmentally
44.29 harmless. This appropriation is subject to
44.30 Minnesota Statutes, section 116P.10.

44.31 **(c) Wastewater Nutrient Reduction through**
44.32 **Industrial Source Reduction Assistance**

44.33 \$200,000 the first year is from the trust fund
44.34 to the Board of Regents of the University of
44.35 Minnesota to provide technical assistance for
45.1 industrial facilities to optimize their processes,
45.2 reduce nutrient loads to wastewater treatment
45.3 facilities, and improve water quality. The
45.4 economic savings and water quality
45.5 improvements achieved through this work
45.6 must be documented.

45.7 **(d) Improving Nitrogen Removal in Greater**
45.8 **Minnesota Wastewater Treatment Ponds**

45.9 \$325,000 the first year is from the trust fund
45.10 to the Board of Regents of the University of
45.11 Minnesota to assess cold weather nitrogen
45.12 cycling and different aeration methods to
45.13 improve the efficacy of Minnesota's
45.14 underperforming wastewater treatment ponds.

45.15 **(e) Improving Drinking Water for Minnesotans**
45.16 **through Pollution Prevention**

45.17 \$345,000 the first year is from the trust fund
45.18 to the Board of Regents of the University of
45.19 Minnesota to reduce exposure of Minnesotans
45.20 to a toxic, cancer-causing chemical by

8.3 **(b) Benign Design: Environmental Studies**
8.4 **Leading to Sustainable Pharmaceuticals**

8.5 \$415,000 the first year is from the trust fund
8.6 to the Board of Regents of the University of
8.7 Minnesota to determine how to best remove
8.8 harmful fluorinated pharmaceuticals during
8.9 wastewater treatment and to develop alternate
8.10 versions of these compounds that are
8.11 medically useful but environmentally
8.12 harmless. This appropriation is subject to
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8.20 reduce nutrient loads to wastewater treatment
8.21 facilities, and improve water quality. The
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8.23 improvements achieved through this work
8.24 must be documented.

8.34 **(e) Improving Nitrogen Removal in Greater**
8.35 **Minnesota Wastewater Treatment Ponds**

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9.2 to the Board of Regents of the University of
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9.4 cycling and different aeration methods to
9.5 improve the efficacy of Minnesota's
9.6 underperforming wastewater treatment ponds.

9.7 **(f) Improving Drinking Water for Minnesotans**
9.8 **through Pollution Prevention**

9.9 \$345,000 the first year is from the trust fund
9.10 to the Board of Regents of the University of
9.11 Minnesota to reduce exposure of Minnesotans
9.12 to a toxic, cancer-causing chemical by

45.21 identifying key pollutant precursor sources in
45.22 the upper Mississippi River watershed and
45.23 assessing options to reduce the formation of
45.24 this chemical during drinking water treatment.

45.25 **(f) Protecting Minnesota Waters by Removing**
45.26 **Contaminants from Wastewater**

45.27 \$250,000 the first year is from the trust fund
45.28 to the Board of Regents of the University of
45.29 Minnesota to develop methods for treatment
45.30 plants to remove harmful polyfluoroalkyl
45.31 substances and microplastics from wastewater
45.32 before the wastewater is released to the
45.33 environment. This appropriation is subject to
45.34 Minnesota Statutes, section 116P.10.

46.1 **(g) Reducing Municipal Wastewater Mercury**
46.2 **Pollution to Lake Superior**

46.3 \$250,000 the first year is from the trust fund
46.4 to the commissioner of the Minnesota
46.5 Pollution Control Agency to evaluate and
46.6 summarize current technologies to help
46.7 municipal wastewater plants in the Lake
46.8 Superior basin save money and reduce
46.9 mercury pollution to Lake Superior and other
46.10 Minnesota waters.

46.11 **(h) Accelerating Perennial Crop Production to**
46.12 **Prevent Nitrate Leaching**

46.13 \$440,000 the first year is from the trust fund
46.14 to the commissioner of natural resources for
46.15 an agreement with the Stearns County Soil
46.16 and Water Conservation District to reduce
46.17 nitrate leaching on sandy soils of central
46.18 Minnesota by developing water-efficient
46.19 production methods, supply chains, and
46.20 end-use markets for three perennial crops:
46.21 Kernza, prairie species, and alfalfa. Net
46.22 income from the sale of products or assets
46.23 developed or acquired through this project
46.24 may be reinvested as described in the work

9.13 identifying key pollutant precursor sources in
9.14 the upper Mississippi River watershed and
9.15 assessing options to reduce the formation of
9.16 this chemical during drinking water treatment.

9.17 **(g) Protecting Minnesota Waters by Removing**
9.18 **Contaminants from Wastewater**

9.19 \$250,000 the first year is from the trust fund
9.20 to the Board of Regents of the University of
9.21 Minnesota to develop methods for treatment
9.22 plants to remove harmful polyfluoroalkyl
9.23 substances and microplastics from wastewater
9.24 before the wastewater is released to the
9.25 environment. This appropriation is subject to
9.26 Minnesota Statutes, section 116P.10.

9.27 **(h) Reducing Municipal Wastewater Mercury**
9.28 **Pollution to Lake Superior**

9.29 \$250,000 the first year is from the trust fund
9.30 to the commissioner of the Minnesota
9.31 Pollution Control Agency to evaluate and
9.32 summarize current technologies to help
9.33 municipal wastewater plants in the Lake
9.34 Superior basin save money and reduce
10.1 mercury pollution to Lake Superior and other
10.2 Minnesota waters.

10.23 **(k) Accelerating Perennial Crop Production to**
10.24 **Prevent Nitrate Leaching**

10.25 \$440,000 the first year is from the trust fund
10.26 to the commissioner of natural resources for
10.27 an agreement with the Stearns County Soil
10.28 and Water Conservation District to reduce
10.29 nitrate leaching on sandy soils of central
10.30 Minnesota by developing water-efficient
10.31 production methods, supply chains, and
10.32 end-use markets for three perennial crops:
10.33 Kernza, prairie species, and alfalfa. Net
10.34 income from the sale of products or assets
10.35 developed or acquired through this project
11.1 may be reinvested as described in the work

46.25 plan approved by the Legislative-Citizen
46.26 Commission on Minnesota Resources
46.27 according to Minnesota Statutes, section
46.28 116P.10.

46.29 **(i) Farm-Ready Cover Crops for Protecting**
46.30 **Water Quality**

46.31 \$741,000 the first year is from the trust fund
46.32 to the Minnesota State Colleges and
46.33 Universities System for Central Lakes College
46.34 to demonstrate conservation benefits of using
46.35 camelina and kura clover as continuous living
46.36 cover with corn-soybean rotations and to
47.1 develop secondary markets to increase farmer
47.2 adoption of this practice for protecting water
47.3 quality in vulnerable wellhead protection
47.4 areas. This appropriation is subject to
47.5 Minnesota Statutes, section 116P.10.

47.6 **(j) Setting Realistic Nitrate Reduction Goals in**
47.7 **Southeast Minnesota**

47.8 \$350,000 the first year is from the trust fund
47.9 to the Board of Regents of the University of
47.10 Minnesota to develop advanced water-flow
47.11 and age-dating tools to improve the ability of
47.12 state agencies to assess how well nitrate
47.13 reduction best management practices are
47.14 working in southeastern Minnesota.

47.15 **(k) Mapping Unprofitable Cropland for Water**
47.16 **and Wildlife**

47.17 \$100,000 the first year is from the trust fund
47.18 to the Science Museum of Minnesota for the
47.19 St. Croix Watershed Research Station to
47.20 conduct the first statewide analysis that maps
47.21 the extent of Minnesota's unprofitable
47.22 cropland and estimates both the water-quality
47.23 and habitat benefits of converting these lands
47.24 to perennial crops and vegetation. This
47.25 appropriation is available until June 30, 2021,

11.2 plan approved by the Legislative-Citizen
11.3 Commission on Minnesota Resources
11.4 according to Minnesota Statutes, section
11.5 116P.10.

11.6 **(l) Farm-Ready Cover Crops for Protecting**
11.7 **Water Quality**

11.8 \$741,000 the first year is from the trust fund
11.9 to the Minnesota State Colleges and
11.10 Universities System for Central Lakes College
11.11 to demonstrate conservation benefits of using
11.12 camelina and kura clover as continuous living
11.13 cover with corn-soybean rotations and to
11.14 develop secondary markets to increase farmer
11.15 adoption of this practice for protecting water
11.16 quality in vulnerable wellhead protection
11.17 areas. This appropriation is subject to
11.18 Minnesota Statutes, section 116P.10.

11.19 **(m) Setting Realistic Nitrate Reduction Goals in**
11.20 **Southeast Minnesota**

11.21 \$350,000 the first year is from the trust fund
11.22 to the Board of Regents of the University of
11.23 Minnesota to develop advanced water-flow
11.24 and age-dating tools to improve the ability of
11.25 state agencies to assess how well nitrate
11.26 reduction best management practices are
11.27 working in southeastern Minnesota.

11.28 **(n) Mapping Unprofitable Cropland for Water**
11.29 **and Wildlife**

11.30 \$100,000 the first year is from the trust fund
11.31 to the Science Museum of Minnesota for the
11.32 St. Croix Watershed Research Station to
11.33 conduct the first statewide analysis that maps
11.34 the extent of Minnesota's unprofitable
11.35 cropland and estimates both the water-quality
12.1 and habitat benefits of converting these lands
12.2 to perennial crops and vegetation. This
12.3 appropriation is available until June 30, 2021,

47.26 by which time the project must be completed
47.27 and final products delivered.

47.28 **(l) Minnesota Spring Inventory Final Phase**

47.29 \$71,000 the first year is from the trust fund to
47.30 the commissioner of natural resources to
47.31 complete the Minnesota Spring Inventory that
47.32 identifies, catalogs, and assists resource
47.33 managers in monitoring, assessing, and
47.34 protecting important and threatened statewide
47.35 water springs. This appropriation is available
48.1 until June 30, 2021, by which time the project
48.2 must be completed and final products
48.3 delivered.

48.4 **(m) Restoring Impaired Lakes Through**
48.5 **Citizen-Aided Carp Management**

48.6 \$106,000 the first year is from the trust fund
48.7 to the commissioner of natural resources for
48.8 an agreement with the Carver County Water
48.9 Management Organization to quantify water
48.10 quality improvements and the
48.11 cost-effectiveness of a new citizen-aided carp
48.12 management method for restoring impaired
48.13 lakes in Minnesota.

48.14 **(n) Spring Biological Nitrate Removal to Protect**
48.15 **Drinking Water**

48.16 \$175,000 the first year is from the trust fund
48.17 to the commissioner of natural resources for
48.18 an agreement with the city of Fairmont to
48.19 build and demonstrate the effectiveness of an
48.20 experimental passive biological treatment
48.21 system to reduce nitrates that enter the city's
48.22 springtime water supply source.

48.23 **(o) Degrading Chlorinated Industrial**
48.24 **Contaminants with Bacteria**

48.25 \$1,000 the first year is from the trust fund to
48.26 the Board of Regents of the University of

12.4 by which time the project must be completed
12.5 and final products delivered.

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

12.22 \$71,000 the first year is from the trust fund to
12.23 the commissioner of natural resources to
12.24 complete the Minnesota Spring Inventory that
12.25 identifies, catalogs, and assists resource
12.26 managers in monitoring, assessing, and
12.27 protecting important and threatened statewide
12.28 water springs. This appropriation is available
12.29 until June 30, 2021, by which time the project
12.30 must be completed and final products
12.31 delivered.

12.32 **(q) Restoring Impaired Lakes through**
12.33 **Citizen-Aided Carp Management**

12.34 \$106,000 the first year is from the trust fund
12.35 to the commissioner of natural resources for
13.1 an agreement with the Carver County Water
13.2 Management Organization to quantify water
13.3 quality improvements and the
13.4 cost-effectiveness of a new citizen-aided carp
13.5 management method for restoring impaired
13.6 lakes in Minnesota.

13.7 **(r) Spring Biological Nitrate Removal to Protect**
13.8 **Drinking Water**

13.9 \$175,000 the first year is from the trust fund
13.10 to the commissioner of natural resources for
13.11 an agreement with the city of Fairmont to
13.12 build and demonstrate the effectiveness of an
13.13 experimental passive biological treatment
13.14 system to reduce nitrates that enter the city's
13.15 springtime water supply source.

13.16 **(s) Degrading Chlorinated Industrial**
13.17 **Contaminants with Bacteria**

13.18 \$1,000 the first year is from the trust fund to
13.19 the Board of Regents of the University of

48.27 Minnesota to determine the best way to
48.28 stimulate bacteria to more quickly and
48.29 completely remove industrial chlorinated
48.30 pollutants from contaminated sites. On the day
48.31 following final enactment, the following
48.32 amounts from unobligated appropriations to
48.33 the Board of Regents of the University of
48.34 Minnesota are transferred and added to this
48.35 appropriation: \$75,000 in Laws 2016, chapter
49.1 186, section 2, subdivision 4, paragraph (l),
49.2 and \$74,000 in Laws 2016, chapter 186,
49.3 section 2, subdivision 6, paragraph (b).

49.4 **(p) Managed Aquifer Recharge**

49.5 \$350,000 the first year is to the Board of
49.6 Regents of the University of Minnesota, Water
49.7 Resources Center, for a comprehensive study
49.8 of the economic benefits of managed aquifer
49.9 recharge and to make recommendations to
49.10 enhance and replenish Minnesota's
49.11 groundwater resources. The study must
49.12 include, but is not limited to:

49.13 (1) examining the potential benefits of
49.14 enhancing groundwater recharge in
49.15 water-stressed areas;

49.16 (2) assessing the relationship to changing
49.17 seasonality and intensity of precipitation on
49.18 groundwater recharge rates;

49.19 (3) reviewing the approaches to manage
49.20 recharge in geologically appropriate areas;

49.21 (4) identifying policy options, costs, and
49.22 barriers to recharging groundwater; and

49.23 (5) assessing the economic returns of options
49.24 for groundwater recharge.

49.25 In conducting the study, the Water Resources
49.26 Center must convene a stakeholder group and
49.27 provide for public participation.

13.20 Minnesota to determine the best way to
13.21 stimulate bacteria to more quickly and
13.22 completely remove industrial chlorinated
13.23 pollutants from contaminated sites. On the day
13.24 following final enactment, the following
13.25 amounts from unobligated appropriations to
13.26 the Board of Regents of the University of
13.27 Minnesota are transferred and added to this
13.28 appropriation: \$75,000 in Laws 2016, chapter
13.29 186, section 2, subdivision 4, paragraph (l),
13.30 and \$74,000 in Laws 2016, chapter 186,
13.31 section 2, subdivision 6, paragraph (b).

8.25 **(d) Quantifying Microplastics in Minnesota's**
8.26 **Inland Lakes**

8.27 \$200,000 the first year is from the trust fund
8.28 to the Board of Regents of the University of
8.29 Minnesota for the Natural Resources Research
8.30 Institute in Duluth to quantify the amount,
8.31 type, and source of microplastics in the water,
8.32 sediment, and fishes of a range of Minnesota
8.33 lakes.

10.3 **(i) Extracting Deicing Salt from Roadside Soils**
10.4 **with Plants**

10.5 \$360,000 the first year is from the trust fund
10.6 to the Board of Regents of the University of
10.7 Minnesota to collaborate with the Department
10.8 of Transportation to evaluate potential native
10.9 plants that can be grown on roadsides to
10.10 adsorb and remove toxic salts accumulated
10.11 from deicing roads and assess uses for the
10.12 harvested material.

10.13 **(j) Transformation of Plastic Waste into Valued**
10.14 **Resource**

10.15 \$225,000 the first year is from the trust fund
10.16 to the Board of Regents of the University of
10.17 Minnesota to develop technologies that use
10.18 microbes to convert plastic waste into useful
10.19 chemical compounds and fuels, lowering the
10.20 likelihood that these materials end up in the
10.21 environment. This appropriation is subject to
10.22 Minnesota Statutes, section 116P.10.

12.6 **(o) Evaluating Locally Sourced Materials for**
12.7 **Road Salt Reduction**

12.8 \$162,000 the first year is from the trust fund
12.9 to the Board of Regents of the University of
12.10 Minnesota for the Natural Resources Research
12.11 Institute in Duluth to evaluate the effectiveness
12.12 and benefits of using locally sourced wood

49.28	<u>Subd. 5. Technical Assistance, Outreach, and</u>		
49.29	<u>Environmental Education</u>	<u>436,000</u>	<u>-0-</u>
49.30	<u>(a) Expanding Camp Sunrise Environmental</u>		
49.31	<u>Program</u>		
49.32	<u>\$237,000 the first year is from the trust fund</u>		
49.33	<u>to the commissioner of natural resources for</u>		
50.1	<u>an agreement with YouthCare Minnesota to</u>		
50.2	<u>expand camp opportunities to more school</u>		
50.3	<u>districts and implement improved hands-on</u>		
50.4	<u>environmental education programs for</u>		
50.5	<u>economically disadvantaged youth.</u>		
50.6	<u>(b) Mississippi National River and Recreation</u>		
50.7	<u>Area Forest Restoration</u>		
50.8	<u>\$199,000 the first year is from the trust fund</u>		
50.9	<u>to the commissioner of natural resources for</u>		
50.10	<u>an agreement with the Mississippi Park</u>		
50.11	<u>Connection to work with Conservation Corps</u>		
50.12	<u>Minnesota, local communities, and volunteers</u>		
50.13	<u>to address the loss of ash trees to emerald ash</u>		
50.14	<u>borer by planting approximately 15,000 native</u>		
50.15	<u>trees and plants in affected areas in the</u>		
50.16	<u>Mississippi National River and Recreation</u>		
50.17	<u>Area.</u>		

12.13	<u>chips, corncobs, and iron-bearing minerals as</u>			
12.14	<u>alternative abrasive materials to lower salt use</u>			
12.15	<u>for protecting Minnesota's water resources.</u>			
12.16	<u>This appropriation is subject to Minnesota</u>			
12.17	<u>Statutes, section 116P.10. This appropriation</u>			
12.18	<u>is available until June 30, 2021, by which time</u>			
12.19	<u>the project must be completed and final</u>			
12.20	<u>products delivered.</u>			
13.32	<u>Subd. 5. Technical</u>			
13.33	<u>Assistance, Outreach, and</u>			
13.34	<u>Environmental Education</u>	<u>250,000</u>	<u>886,000</u>	<u>-0-</u>
13.35	<u>(a) Expanding Camp Sunrise Environmental</u>			
13.36	<u>Program</u>			
14.1	<u>\$237,000 the first year is from the trust fund</u>			
14.2	<u>to the commissioner of natural resources for</u>			
14.3	<u>an agreement with YouthCare Minnesota to</u>			
14.4	<u>expand camp opportunities to more school</u>			
14.5	<u>districts and implement improved hands-on</u>			
14.6	<u>environmental education programs for</u>			
14.7	<u>economically disadvantaged youth.</u>			
14.20	<u>(c) Mississippi National River and Recreation</u>			
14.21	<u>Area Forest Restoration</u>			
14.22	<u>\$199,000 the first year is from the trust fund</u>			
14.23	<u>to the commissioner of natural resources for</u>			
14.24	<u>an agreement with the Mississippi Park</u>			
14.25	<u>Connection to work with Conservation Corps</u>			
14.26	<u>Minnesota, local communities, and volunteers</u>			
14.27	<u>to address the loss of ash trees to emerald ash</u>			
14.28	<u>borer by planting approximately 15,000 native</u>			
14.29	<u>trees and plants in affected areas in the</u>			
14.30	<u>Mississippi National River and Recreation</u>			
14.31	<u>Area.</u>			
14.8	<u>(b) Connecting Students to Boundary Waters</u>			
14.9	<u>\$450,000 the first year is from the trust fund</u>			
14.10	<u>to the commissioner of natural resources for</u>			
14.11	<u>an agreement with Friends of the Boundary</u>			

50.18	Subd. 6. <u>Aquatic and Terrestrial Invasive</u>		
50.19	<u>Species</u>	<u>4,600,000</u>	<u>-0-</u>
50.20	<u>(a) Building Knowledge and Capacity to Solve</u>		
50.21	<u>AIS Problems</u>		
50.22	<u>\$3,000,000 the first year is from the trust fund</u>		
50.23	<u>to the Board of Regents of the University of</u>		
50.24	<u>Minnesota to support the Minnesota Aquatic</u>		
50.25	<u>Invasive Species Research Center in</u>		
50.26	<u>developing solutions to Minnesota's aquatic</u>		
50.27	<u>invasive species problems through research,</u>		
50.28	<u>control, prevention, outreach, and early</u>		
50.29	<u>detection of existing and emerging aquatic</u>		
50.30	<u>invasive species threats. This appropriation is</u>		
50.31	<u>available until June 30, 2023, by which time</u>		

14.12	<u>Waters Wilderness to connect approximately</u>
14.13	<u>6,500 students to the boundary waters through</u>
14.14	<u>classroom education and wilderness canoe</u>
14.15	<u>experiences for diverse and underserved</u>
14.16	<u>populations across Minnesota. This</u>
14.17	<u>appropriation is available until June 30, 2023,</u>
14.18	<u>by which time the project must be completed</u>
14.19	<u>and final products delivered.</u>
14.32	<u>(d) Increasing Diversity in Environmental</u>
14.33	<u>Careers</u>
14.34	<u>\$250,000 in fiscal year 2019 is from the trust</u>
14.35	<u>fund to the commissioner of natural resources</u>
15.1	<u>in cooperation with Conservation Corps</u>
15.2	<u>Minnesota and Iowa to encourage a diversity</u>
15.3	<u>of students to pursue careers in environment</u>
15.4	<u>and natural resources through internships and</u>
15.5	<u>mentorships with the Department of Natural</u>
15.6	<u>Resources, the Board of Water and Soil</u>
15.7	<u>Resources, and the Pollution Control Agency.</u>
15.8	<u>This appropriation is available until June 30,</u>
15.9	<u>2024, by which time the project must be</u>
15.10	<u>completed and final products delivered.</u>
15.11	Subd. 6. <u>Aquatic and</u>
15.12	<u>Terrestrial Invasive Species</u>
15.13	<u>(a) Building Knowledge and Capacity to Solve</u>
15.14	<u>AIS Problems</u>
15.15	<u>\$3,000,000 the first year is from the trust fund</u>
15.16	<u>to the Board of Regents of the University of</u>
15.17	<u>Minnesota to support the Minnesota Aquatic</u>
15.18	<u>Invasive Species Research Center in</u>
15.19	<u>developing solutions to Minnesota's aquatic</u>
15.20	<u>invasive species problems through research,</u>
15.21	<u>control, prevention, outreach, and early</u>
15.22	<u>detection of existing and emerging aquatic</u>
15.23	<u>invasive species threats. This appropriation is</u>
15.24	<u>available until June 30, 2023, by which time</u>

3,100,000 -0-

50.32 the project must be completed and final
50.33 products delivered.

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

51.1 \$100,000 the first year is from the trust fund
51.2 to the commissioner of natural resources for
51.3 an agreement with Morrison Soil and Water
51.4 Conservation District to eradicate the
51.5 northern-most occurrences of oak wilt in the
51.6 state through mechanical means on select
51.7 private properties to prevent oak wilt's spread
51.8 to healthy state forest habitats.

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

51.10 \$1,500,000 the first year is from the trust fund
51.11 to the commissioner of agriculture to continue
51.12 to monitor, detect, and eradicate noxious
51.13 weeds, including Palmer Amaranth, primarily
51.14 in conservation plantings and to develop and
51.15 implement methods to prevent infestation and
51.16 protect prairies, other natural areas, and
51.17 agricultural crops. Of this amount, \$650,000
51.18 is for grants to local communities to help
51.19 combat infestations.

51.20 Subd. 7. **Air Quality and Renewable Energy** 985,000

-0-

51.21 **(a) Development of Clean Energy Storage**
51.22 **Systems for Farms**

51.23 \$650,000 the first year is from the trust fund
51.24 to the Board of Regents of the University of
51.25 Minnesota for the West Central Research and
51.26 Outreach Center at Morris to develop and test
51.27 novel clean energy storage systems for farms
51.28 using wind-generated ammonia to displace
51.29 fossil fuels and reduce greenhouse gas
51.30 emissions. This appropriation is subject to
51.31 Minnesota Statutes, section 116P.10.

15.25 the project must be completed and final
15.26 products delivered.

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

15.28 \$100,000 the first year is from the trust fund
15.29 to the commissioner of natural resources for
15.30 an agreement with Morrison Soil and Water
15.31 Conservation District to eradicate the
15.32 northern-most occurrences of oak wilt in the
15.33 state through mechanical means on select
15.34 private properties to prevent oak wilt's spread
15.35 to healthy state forest habitats.

16.1 Subd. 7. **Air Quality and Renewable Energy** 1,485,000

-0-

16.2 **(a) Development of Clean Energy Storage**
16.3 **Systems for Farms**

16.4 \$650,000 the first year is from the trust fund
16.5 to the Board of Regents of the University of
16.6 Minnesota for the West Central Research and
16.7 Outreach Center at Morris to develop and test
16.8 novel clean energy storage systems for farms
16.9 using wind-generated ammonia to displace
16.10 fossil fuels and reduce greenhouse gas
16.11 emissions. This appropriation is subject to
16.12 Minnesota Statutes, section 116P.10.

51.32 **(b) Sustainable Solar Energy from Agricultural**
51.33 **Plant By-Products**

51.34 \$185,000 the first year is from the trust fund
51.35 to the Board of Regents of the University of
52.1 Minnesota, Morris, to use regional plant-based
52.2 agricultural by-products to fabricate solar cells
52.3 for creating renewable and affordable energy.

52.4 **(c) Morris Energy and Environment Community**
52.5 **Resilience Plan**

52.6 \$150,000 the first year is from the trust fund
52.7 to the commissioner of natural resources for
52.8 an agreement with the city of Morris to
52.9 develop and begin implementing community
52.10 resilience plans for energy and the
52.11 environment and to create a model guide for
52.12 other Minnesota communities to create and
52.13 implement their own plans.

52.14 Subd. 8. **Methods to Protect or Restore Land,**
52.15 **Water, and Habitat**

3,518,000

-0-

52.16 **(a) Promoting and Restoring Oak Savanna Using**
52.17 **Silvopasture**

52.18 \$750,000 the first year is from the trust fund
52.19 to the Board of Regents of the University of
52.20 Minnesota to demonstrate, evaluate, and

16.24 **(c) Sustainable Solar Energy from Agricultural**
16.25 **Plant By-Products**

16.26 \$185,000 the first year is from the trust fund
16.27 to the Board of Regents of the University of
16.28 Minnesota, Morris, to use regional plant-based
16.29 agricultural by-products to fabricate solar cells
16.30 for creating renewable and affordable energy.

16.31 **(d) Morris Energy and Environment Community**
16.32 **Resilience Plan**

16.33 \$150,000 the first year is from the trust fund
16.34 to the commissioner of natural resources for
16.35 an agreement with the city of Morris to
17.1 develop and begin implementing community
17.2 resilience plans for energy and the
17.3 environment and to create a model guide for
17.4 other Minnesota communities to create and
17.5 implement their own plans.

16.13 **(b) White Earth Nation Community Solar for**
16.14 **Economic Resilience**

16.15 \$500,000 the first year is from the trust fund
16.16 to the commissioner of natural resources for
16.17 an agreement with Rural Renewable Energy
16.18 Alliance to install a 200-kW White Earth
16.19 community-owned solar garden to reduce
16.20 greenhouse gas emissions, increase economic
16.21 development through environmental education
16.22 and solar workforce training, and improve
16.23 energy resilience.

17.6 Subd. 8. **Methods to Protect or Restore Land,**
17.7 **Water, and Habitat**

5,233,000

-0-

17.22 **(b) Promoting and Restoring Oak Savanna**
17.23 **Using Silvopasture**

17.24 \$750,000 the first year is from the trust fund
17.25 to the Board of Regents of the University of
17.26 Minnesota to demonstrate, evaluate, and

52.21 increase adoption of the combined use of
52.22 intensive tree, forage, and livestock
52.23 management as a method to restore threatened
52.24 oak savanna habitats.

52.25 **(b) Sauk River Dam Removal and Rock Rapids**
52.26 **Replacement**

52.27 \$2,768,000 the first year is from the trust fund
52.28 to the commissioner of natural resources for
52.29 an agreement with the city of Melrose to
52.30 remove an existing fixed-elevation dam,
52.31 construct a rock arch rapids, and conduct
52.32 in-stream and shoreline habitat restoration to
52.33 improve water quality and native fish passage
52.34 in the Sauk River. This project requires a
52.35 match of at least \$1,400,000 that must be
53.1 secured before trust fund money is spent. At
53.2 least \$700,000 of this match must come from
53.3 the city of Melrose. City of Melrose expenses
53.4 for the Sauk River dam removal and rock
53.5 rapids replacement incurred before July 1,
53.6 2019, may be counted toward the match.

17.27 increase adoption of the combined use of
17.28 intensive tree, forage, and livestock
17.29 management as a method to restore threatened
17.30 oak savanna habitats.

17.31 **(c) Sauk River Dam Removal and Rock Rapids**
17.32 **Replacement**

17.33 \$2,768,000 the first year is from the trust fund
17.34 to the commissioner of natural resources for
17.35 an agreement with the city of Melrose to
18.1 remove an existing fixed-elevation dam,
18.2 construct a rock arch rapids, and conduct
18.3 in-stream and shoreline habitat restoration to
18.4 improve water quality and native fish passage
18.5 in the Sauk River. This project requires a
18.6 match of at least \$1,400,000 that must be
18.7 secured before trust fund money is spent. At
18.8 least \$700,000 of this match must come from
18.9 the city of Melrose. City of Melrose expenses
18.10 for the Sauk River dam removal and rock
18.11 rapids replacement incurred before July 1,
18.12 2019, may be counted toward the match.

17.8 **(a) Saving Endangered Pollinators through**
17.9 **Data-Driven Prairie Restoration**

17.10 \$800,000 the first year is from the trust fund.
17.11 Of this amount, \$630,000 is to the Minnesota
17.12 Zoological Garden and \$170,000 is to the
17.13 commissioner of natural resources to
17.14 reestablish populations of Minnesota's
17.15 imperiled butterflies through reintroductions
17.16 and prairie restorations and by developing
17.17 foundational habitat recommendations for
17.18 preventing future extinctions. This
17.19 appropriation is available until June 30, 2023,
17.20 by which time the project must be completed
17.21 and final products delivered.

18.13 **(d) Conserving and Monitoring Minnesota's**
18.14 **Rare Arctic Plants**

53.7	Subd. 9. <u>Land Acquisition, Habitat, and</u>		
53.8	<u>Recreation</u>	<u>26,797,000</u>	<u>-0-</u>
53.9	<u>(a) Grants for Local Parks, Trails, and Natural</u>		
53.10	<u>Areas</u>		
53.11	<u>\$4,096,000 the first year is from the trust fund</u>		
53.12	<u>to the commissioner of natural resources to</u>		
53.13	<u>solicit, rank, and fund competitive matching</u>		
53.14	<u>grants for local parks, trail connections, and</u>		
53.15	<u>natural and scenic areas under Minnesota</u>		
53.16	<u>Statutes, section 85.019. The appropriation is</u>		
53.17	<u>for local nature-based recreation, connections</u>		
53.18	<u>to regional and state natural areas, and</u>		
53.19	<u>recreation facilities and not for athletic</u>		
53.20	<u>facilities such as sport fields, courts, and</u>		
53.21	<u>playgrounds.</u>		
53.22	<u>(b) Minnesota State Trails Development</u>		
53.23	<u>\$3,000,000 the first year is from the trust fund</u>		
53.24	<u>to the commissioner of natural resources to</u>		
53.25	<u>expand high-priority recreational opportunities</u>		

18.15 \$135,000 the first year is from the trust fund
18.16 to the Board of Regents of the University of
18.17 Minnesota to provide monitoring and invasive
18.18 species removal to conserve rare and
18.19 endangered arctic plants on Minnesota's North
18.20 Shore. This appropriation is available until
18.21 June 30, 2023, by which time the project must
18.22 be completed and final products delivered.

18.23 (e) Nongame Wildlife Program Acceleration

18.24 \$780,000 the first year is from the trust fund
18.25 to the commissioner of natural resources to
18.26 accelerate the nongame wildlife program,
18.27 including rare wildlife data collection, habitat
18.28 management, collaborative land protection,
18.29 conservation education, and a new emphasis
18.30 on promoting nature tourism to benefit
18.31 wildlife, visitors, and rural communities.

18.32	Subd. 9. <u>Land Acquisition,</u>		
18.33	<u>Habitat, and Recreation</u>	<u>1,724,000</u>	<u>33,661,000</u>

19.11 (b) Grants for Local Parks, Trails, and Natural
19.12 Areas

19.13 \$3,000,000 the first year is from the trust fund
19.14 to the commissioner of natural resources to
19.15 solicit, rank, and fund competitive matching
19.16 grants for local parks, trail connections, and
19.17 natural and scenic areas under Minnesota
19.18 Statutes, section 85.019. The appropriation is
19.19 for local nature-based recreation, connections
19.20 to regional and state natural areas, and
19.21 recreation facilities and not for athletic
19.22 facilities such as sport fields, courts, and
19.23 playgrounds.

20.3 (d) Minnesota State Trails Development

20.4 \$124,000 in fiscal year 2019 and \$8,247,000
20.5 the first year are from the trust fund to the
20.6 commissioner of natural resources to expand

53.26 on Minnesota's state trails by developing new
53.27 trail segments and rehabilitating, improving,
53.28 and enhancing existing state trails.
53.29 High-priority trail bridges to rehabilitate or
53.30 replace include, but are not limited to, those
53.31 on the Arrowhead, Central Lakes,
53.32 Harmony-Preston Valley, Matthew Lourey,
53.33 and North Shore State Trails. High-priority
53.34 trail segments to develop and enhance include
53.35 the Paul Bunyan, Gateway, Heartland, and
54.1 Gitchi Gami state trails. A proposed list of
54.2 trail projects on legislatively authorized state
54.3 trails is required in the work plan. This
54.4 appropriation is available until June 30, 2021,
54.5 by which time the project must be completed
54.6 and final products delivered.

54.7 **(c) National Loon Center**

54.8 \$4,000,000 the first year is from the trust fund
54.9 to the commissioner of natural resources for
54.10 an agreement with the National Loon Center
54.11 Foundation, in partnership with a fiscal agent
54.12 to be approved by the Legislative-Citizen
54.13 Commission on Minnesota Resources, to
54.14 construct an approximately 15,000-square-foot
54.15 National Loon Center in Cross Lake dedicated
54.16 to loon survival, loon habitat protection and
54.17 research, and recreation. Of this amount, up
54.18 to \$1,449,000 is for planning, design, and
54.19 construction of approximately six outdoor
54.20 demonstration learning kiosks, interpretive
54.21 trails, boardwalks and boat docks, a fishing
54.22 dock, and native landscaping along
54.23 approximately 3,100 feet of shoreline. Any
54.24 remaining funds are for planning, engineering,
54.25 and constructing the building and indoor
54.26 exhibits. A land lease commitment of at least
54.27 25 years and fiscal sponsorship must be
54.28 secured before any trust fund money is spent.
54.29 This project requires a match of at least

20.7 high-priority recreational opportunities on
20.8 Minnesota's state trails by developing new
20.9 trail segments and rehabilitating, improving,
20.10 and enhancing existing state trails.
20.11 High-priority trail bridges to rehabilitate or
20.12 replace include, but are not limited to, those
20.13 on the Arrowhead, Central Lakes,
20.14 Harmony-Preston Valley, Matthew Lourey,
20.15 and North Shore State Trails. High-priority
20.16 trail segments to develop and enhance include,
20.17 but are not limited to, the Paul Bunyan,
20.18 Gateway, Heartland, Gitchi Gami, and
20.19 Minnesota Valley State Trails. A proposed list
20.20 of trail projects on legislatively authorized
20.21 state trails is required in the work plan. This
20.22 appropriation is available until June 30, 2021,
20.23 by which time the project must be completed
20.24 and final products delivered.

20.25 **(c) National Loon Center**

20.26 \$4,000,000 the first year is from the trust fund
20.27 to the commissioner of natural resources for
20.28 an agreement with the National Loon Center
20.29 Foundation, in partnership with a fiscal agent
20.30 to be approved by the Legislative-Citizen
20.31 Commission on Minnesota Resources, to
20.32 construct an approximately 15,000-square-foot
20.33 National Loon Center in Cross Lake dedicated
20.34 to loon survival, loon habitat protection and
20.35 research, and recreation. Of this amount, up
21.1 to \$1,449,000 is for planning, design, and
21.2 construction of approximately six outdoor
21.3 demonstration learning kiosks, interpretive
21.4 trails, boardwalks, and native habitat
21.5 restoration along approximately 3,100 feet of
21.6 shoreline. Any remaining funds are for
21.7 planning, engineering, and constructing the
21.8 building and indoor exhibits. The building
21.9 must be environmentally and energy efficient.
21.10 An effort must be made to build the center so
21.11 that it is eligible to receive the Leadership in
21.12 Energy and Environmental Design (LEED)

54.30 \$6,000,000. At least \$2,000,000 of this match
54.31 must come from nonstate sources. If naming
54.32 rights will be conveyed, the National Loon
54.33 Center Foundation must include a plan for this
54.34 in the work plan. All matching funds must be
54.35 legally committed before any trust fund money
55.1 may be spent on planning activities for or
55.2 construction of the building and indoor
55.3 exhibits. Net income generated from
55.4 admissions, naming rights, and memberships
55.5 to the National Loon Center as a result of trust
55.6 fund contributions may be reinvested in the
55.7 center's long-term loon conservation efforts
55.8 as described in the work plan approved by the
55.9 Legislative-Citizen Commission on Minnesota
55.10 Resources according to Minnesota Statutes,
55.11 section 116P.10.

55.12 **(d) Accessible Fishing Piers**

55.13 \$320,000 the first year is from the trust fund
55.14 to the commissioner of natural resources to
55.15 provide accessible fishing piers in locations
55.16 that have a high potential to serve new angling
55.17 communities, underserved populations, and
55.18 anglers with physical disabilities. This
55.19 appropriation is available until June 30, 2021,
55.20 by which time the project must be completed
55.21 and final products delivered.

55.22 **(e) Mesabi Trail Extensions**

55.23 \$3,000,000 the first year is from the trust fund
55.24 to the commissioner of natural resources for
55.25 an agreement with the St. Louis and Lake
55.26 Counties Regional Railroad Authority for
55.27 environmental assessment, permitting,
55.28 right-of-way easements or other acquisition

21.13 certification or the Green Building Initiative
21.14 Green Globes certification for environmental
21.15 design. A land lease commitment of at least
21.16 25 years and fiscal sponsorship must be
21.17 secured before any trust fund money is spent.
21.18 This project requires a match of at least
21.19 \$6,000,000. At least \$2,000,000 of this match
21.20 must come from nonstate sources. If naming
21.21 rights will be conveyed, the National Loon
21.22 Center Foundation must include a plan for this
21.23 in the work plan. All matching funds must be
21.24 legally committed before any trust fund money
21.25 may be spent on planning activities for or
21.26 construction of the building and indoor
21.27 exhibits. Net income generated from
21.28 admissions, naming rights, and memberships
21.29 to the National Loon Center as a result of trust
21.30 fund contributions may be reinvested in the
21.31 center's long-term loon conservation efforts
21.32 as described in the work plan approved by the
21.33 Legislative-Citizen Commission on Minnesota
21.34 Resources according to Minnesota Statutes,
21.35 section 116P.10.

21.36 **(f) Accessible Fishing Piers**

22.1 \$320,000 the first year is from the trust fund
22.2 to the commissioner of natural resources to
22.3 provide accessible fishing piers in locations
22.4 that have a high potential to serve new angling
22.5 communities, underserved populations, and
22.6 anglers with physical disabilities. This
22.7 appropriation is available until June 30, 2021,
22.8 by which time the project must be completed
22.9 and final products delivered.

22.10 **(g) Mesabi Trail Extensions**

22.11 \$3,000,000 the first year is from the trust fund
22.12 to the commissioner of natural resources for
22.13 an agreement with the St. Louis and Lake
22.14 Counties Regional Railroad Authority for
22.15 environmental assessment, permitting,
22.16 right-of-way easements or other acquisition

55.29 as needed, and engineering for and
55.30 construction of four trail segments beginning
55.31 and ending at the following approximate
55.32 locations: Darwin Meyers Wildlife
55.33 Management Area to County Road 21,
55.34 Embarrass to Kugler, County Road 128 to the
56.1 Eagles Nest Town Hall, and Wolf Creek to
56.2 the Highway 169 underpass.

56.3 **(f) Birch Lake Recreation Area Campground**

56.4 \$350,000 the first year ~~is~~ from the trust fund
56.5 to the commissioner of natural resources for
56.6 an agreement with the city of Babbitt to
56.7 expand Birch Lake Recreation Area by adding
56.8 a new campground for recreational vehicles
56.9 and tent campers. This project requires a
56.10 match of at least \$2,800,000 that must be
56.11 secured before trust fund money is spent. At
56.12 least \$800,000 of this match must come from
56.13 the city of Babbitt. Net income generated from
56.14 admissions to the campground created as a
56.15 result of trust fund contributions may be
56.16 reinvested into the campground's long-term
56.17 operations as described in the work plan
56.18 approved by the Legislative-Citizen
56.19 Commission on Minnesota Resources
56.20 according to Minnesota Statutes, section
56.21 116P.10.

56.22 **(g) Bailey Lake Trail and Fishing Pier**

56.23 \$550,000 the first year is from the trust fund
56.24 to the commissioner of natural resources for
56.25 an agreement with the city of Virginia to
56.26 reconstruct the existing Bailey Lake Trail and
56.27 construct a new fishing pier on Bailey Lake
56.28 that is accessible from the trail.

56.29 **(h) Vergas Long Lake Trail**

56.30 \$290,000 the first year is from the trust fund
56.31 to the commissioner of natural resources for

22.17 as needed, and engineering for and
22.18 construction of four trail segments beginning
22.19 and ending at the following approximate
22.20 locations: Darwin Meyers Wildlife
22.21 Management Area to County Road 21,
22.22 Embarrass to Kugler, County Road 128 to the
22.23 Eagles Nest Town Hall, and Wolf Creek to
22.24 the Highway 169 underpass.

23.27 **(j) Birch Lake Recreation Area Campground**

23.28 \$350,000 in fiscal year 2019 and \$350,000 the
23.29 first year ~~are~~ from the trust fund to the
23.30 commissioner of natural resources for an
23.31 agreement with the city of Babbitt to expand
23.32 Birch Lake Recreation Area by adding a new
23.33 campground for recreational vehicles and tent
23.34 campers. This project requires a match of at
23.35 least \$2,800,000 that must be secured before
24.1 trust fund money is spent. At least \$800,000
24.2 of this match must come from the city of
24.3 Babbitt. Net income generated from
24.4 admissions to the campground created as a
24.5 result of trust fund contributions may be
24.6 reinvested into the campground's long-term
24.7 operations as described in the work plan
24.8 approved by the Legislative-Citizen
24.9 Commission on Minnesota Resources
24.10 according to Minnesota Statutes, section
24.11 116P.10.

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

24.13 \$550,000 the first year is from the trust fund
24.14 to the commissioner of natural resources for
24.15 an agreement with the city of Virginia to
24.16 reconstruct the existing Bailey Lake Trail and
24.17 construct a new fishing pier on Bailey Lake
24.18 that is accessible from the trail.

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

24.20 \$290,000 the first year is from the trust fund
24.21 to the commissioner of natural resources for

56.32 an agreement with the city of Vergas to
56.33 construct a bicycle and pedestrian bridge, trail,
56.34 and floating boardwalk along Long Lake
57.1 including shoreline restoration and
57.2 stabilization with native plants. This
57.3 appropriation is available until June 30, 2021,
57.4 by which time the project must be completed
57.5 and final products delivered.

57.6 **(i) Glacial Edge Trail and Downtown Pedestrian**
57.7 **Bridge**

57.8 \$600,000 the first year is from the trust fund
57.9 to the commissioner of natural resources for
57.10 an agreement with the city of Fergus Falls to
57.11 acquire easements for and construct a trail
57.12 along the Otter Tail River in downtown Fergus
57.13 Falls and a bicycle and pedestrian bridge
57.14 crossing the river. This appropriation is
57.15 available until June 30, 2021, by which time
57.16 the project must be completed and final
57.17 products delivered.

57.18 **(j) Crane Lake to Vermilion Falls Trail**

57.19 \$400,000 the first year is from the trust fund
57.20 to the commissioner of natural resources for
57.21 an agreement with St. Louis County in
57.22 cooperation with Voyageur Country ATV
57.23 Club to designate and improve a wooded trail
57.24 from Crane Lake to Vermilion Falls to
57.25 accommodate all-terrain vehicle and
57.26 snowmobile users. This appropriation is
57.27 available until June 30, 2021, by which time
57.28 the project must be completed and final
57.29 products delivered.

57.30 **(k) Restoring Five Sections of Superior Hiking**
57.31 **Trail**

57.32 \$191,000 the first year is from the trust fund
57.33 to the commissioner of natural resources for
57.34 an agreement with the Superior Hiking Trail
57.35 Association to restore and repair the most

24.22 an agreement with the city of Vergas to
24.23 construct a bicycle and pedestrian bridge, trail,
24.24 and floating boardwalk along Long Lake
24.25 including shoreline restoration and
24.26 stabilization with native plants. This
24.27 appropriation is available until June 30, 2021,
24.28 by which time the project must be completed
24.29 and final products delivered.

24.30 **(m) Glacial Edge Trail and Downtown**
24.31 **Pedestrian Bridge**

24.32 \$600,000 the first year is from the trust fund
24.33 to the commissioner of natural resources for
24.34 an agreement with the city of Fergus Falls to
24.35 acquire easements for and construct a trail
25.1 along the Otter Tail River in downtown Fergus
25.2 Falls and a bicycle and pedestrian bridge
25.3 crossing the river. This appropriation is
25.4 available until June 30, 2021, by which time
25.5 the project must be completed and final
25.6 products delivered.

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

25.8 \$400,000 the first year is from the trust fund
25.9 to the commissioner of natural resources for
25.10 an agreement with St. Louis County in
25.11 cooperation with Voyageur Country ATV
25.12 Club to designate and improve a wooded trail
25.13 from Crane Lake to Vermilion Falls to
25.14 accommodate all-terrain vehicle and
25.15 snowmobile users. This appropriation is
25.16 available until June 30, 2021, by which time
25.17 the project must be completed and final
25.18 products delivered.

25.19 **(o) Restoring Five Sections of Superior Hiking**
25.20 **Trail**

25.21 \$191,000 the first year is from the trust fund
25.22 to the commissioner of natural resources for
25.23 an agreement with the Superior Hiking Trail
25.24 Association to restore and repair the most

58.1 damaged parts of five sections of the Superior
58.2 Hiking Trail and restore an abandoned route
58.3 to a natural footpath for hikers.

58.4 **(l) State Park and Recreation Area Operations**
58.5 **and Improvements**

58.6 \$10,000,000 the first year is from the trust
58.7 fund to the commissioner of natural resources
58.8 for state park and recreation area operations
58.9 and improvements, including activities directly
58.10 related to and necessary for this appropriation.
58.11 This appropriation is not subject to Minnesota
58.12 Statutes, sections 116P.05, subdivision 2,
58.13 paragraph (b), and 116P.09, subdivision 4.

25.25 damaged parts of five sections of the Superior
25.26 Hiking Trail and restore an abandoned route
25.27 to a natural footpath for hikers.

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

19.1 \$3,500,000 the first year is from the trust fund
19.2 to the commissioner of natural resources for
19.3 the scientific and natural areas (SNA) program
19.4 to restore and enhance wildlife habitat on
19.5 SNAs, increase public involvement and
19.6 outreach, and strategically acquire high-quality
19.7 lands that meet criteria for SNAs under
19.8 Minnesota Statutes, section 86A.05, from
19.9 willing sellers. A list of proposed acquisitions
19.10 and restorations is required in the work plan.

19.24 **(c) Minnesota State Parks and State Trails**
19.25 **In-Holdings**

19.26 \$1,000,000 in fiscal year 2019 and \$3,907,000
19.27 the first year are from the trust fund to the
19.28 commissioner of natural resources to acquire
19.29 high-priority in-holdings from willing sellers
19.30 within the legislatively authorized boundaries
19.31 of state parks and trails to protect Minnesota's
19.32 natural heritage, enhance outdoor recreational
19.33 opportunities, and improve the efficiency of
19.34 public land management. Priorities include
19.35 but are not limited to Minneopa, St. Croix.

19.36 Frontenac, and Crow Wing State Parks. A list
20.1 of proposed acquisitions is required in the
20.2 work plan.

22.25 **(h) Britton Peak to Lutsen Mountain Bike Trail**

22.26 \$50,000 in fiscal year 2019 and \$300,000 the
22.27 first year are from the trust fund to the
22.28 commissioner of natural resources for an
22.29 agreement with the Superior Cycling
22.30 Association to create a sustainably designed
22.31 single-track mountain bike trail connecting
22.32 trail clusters and trailheads between Britton
22.33 Peak in Tofte and Lutsen Mountains as part
22.34 of northeast Minnesota's effort to become a
22.35 national recreation destination. This
23.1 appropriation is available until June 30, 2021,
23.2 by which time the project must be completed
23.3 and final products delivered.

23.4 **(i) Preserving Avon Hills with Reverse-Bidding**
23.5 **Easements**

23.6 \$1,600,000 the first year is from the trust fund
23.7 to the commissioner of natural resources for
23.8 an agreement with Saint John's University in
23.9 cooperation with Minnesota Land Trust to
23.10 restore and enhance protected lands, provide
23.11 public outreach, and prepare management
23.12 plans for and use a reverse-bid ranking system
23.13 to secure permanent conservation easements
23.14 on high-quality natural habitat in the Avon
23.15 Hills area of Stearns County. Of this amount,
23.16 up to \$168,000 is for use by Minnesota Land
23.17 Trust in a monitoring fund as approved in the
23.18 work plan and subject to Minnesota Statutes,
23.19 section 116P.20. An annual financial report is
23.20 required for any monitoring, management, and
23.21 enforcement fund, including expenditures from
23.22 the fund. A proposed list of acquisitions and
23.23 restorations must be provided in the work plan.
23.24 This appropriation is available until June 30,

58.14	<u>Subd. 10. Administration and Contract</u>		
58.15	<u>Agreement Reimbursement</u>	<u>1,538,000</u>	<u>-0-</u>
58.16	<u>(a) Contract Agreement Reimbursement</u>		
58.17	<u>\$135,000 the first year is from the trust fund</u>		
58.18	<u>to the commissioner of natural resources, at</u>		

23.25 2024, by which time the project must be
23.26 completed and final products delivered.

25.28 (p) Native Prairie Bank Conservation Easements
25.29 and Landowner Assistance

25.30 \$3,406,000 the first year is from the trust fund
25.31 to the commissioner of natural resources to
25.32 acquire native prairie bank easements in
25.33 accordance with Minnesota Statutes, section
25.34 84.96; restore and enhance native prairie sites;
25.35 and provide technical assistance to
26.1 landowners. Of this amount, up to \$185,000
26.2 may be deposited in a conservation easement
26.3 stewardship account. Deposits into the
26.4 conservation easement stewardship account
26.5 must be made upon closing on conservation
26.6 easements or at a time otherwise approved in
26.7 the work plan. A list of proposed easement
26.8 acquisitions must be provided as part of the
26.9 required work plan.

26.10 (q) Rainy Lake Recreational Access and Boat
26.11 Wash Station

26.12 \$200,000 in fiscal year 2019 is from the trust
26.13 fund to the commissioner of natural resources
26.14 for an agreement with the city of Ranier to
26.15 enhance and increase public access to Rainy
26.16 Lake by constructing an Americans with
26.17 Disabilities Act (ADA)-compliant recreational
26.18 parking lot, an ADA-compliant public
26.19 restroom, and an aquatic invasive species boat
26.20 wash station.

26.21	<u>Subd. 10. Administration and</u>				
26.22	<u>Contract Agreement</u>				
26.23	<u>Reimbursement</u>	<u>330,000</u>	<u>1,538,000</u>	<u>-0-</u>	
26.24	<u>(a) Contract Agreement Reimbursement</u>				
26.25	<u>\$135,000 the first year is from the trust fund</u>				
26.26	<u>to the commissioner of natural resources, at</u>				

58.19 the direction of the Legislative-Citizen
58.20 Commission on Minnesota Resources, for
58.21 expenses incurred for preparing and
58.22 administering contracts for the agreements
58.23 specified in this section. The commissioner
58.24 must provide documentation to the
58.25 Legislative-Citizen Commission on Minnesota
58.26 Resources on the expenditure of these funds.
58.27 This appropriation is available until June 30,
58.28 2021, by which time the project must be
58.29 completed and final products delivered.

58.30 **(b) Legislative-Citizen Commission on**
58.31 **Minnesota Resources (LCCMR) Administration**

58.32 \$1,400,000 the first year is from the trust fund
58.33 to the Legislative-Citizen Commission on
58.34 Minnesota Resources for administration in
58.35 fiscal years 2020 and 2021 as provided in
59.1 Minnesota Statutes, section 116P.09,
59.2 subdivision 5.

59.3 **(c) Legislative Coordinating Commission (LCC)**
59.4 **Administration**

59.5 \$3,000 the first year is from the trust fund to
59.6 the Legislative Coordinating Commission for
59.7 the website required in Minnesota Statutes,
59.8 section 3.303, subdivision 10.

59.9 **Subd. 11. Wastewater Treatment**
59.10 **Recommendations** 9,840,000 -0-

59.11 **(a) Water Infrastructure Funding Program**

26.27 the direction of the Legislative-Citizen
26.28 Commission on Minnesota Resources, for
26.29 expenses incurred for preparing and
26.30 administering contracts for the agreements
26.31 specified in this section. The commissioner
26.32 must provide documentation to the
26.33 Legislative-Citizen Commission on Minnesota
26.34 Resources on the expenditure of these funds.
26.35 This appropriation is available until June 30,
27.1 2021, by which time the project must be
27.2 completed and final products delivered.

27.3 **(b) Legislative-Citizen Commission on**
27.4 **Minnesota Resources (LCCMR) Administration**

27.5 \$1,400,000 the first year is from the trust fund
27.6 to the Legislative-Citizen Commission on
27.7 Minnesota Resources for administration in
27.8 fiscal years 2020 and 2021 as provided in
27.9 Minnesota Statutes, section 116P.09,
27.10 subdivision 5.

27.11 **(c) Legislative Coordinating Commission (LCC)**
27.12 **Administration**

27.13 \$3,000 the first year is from the trust fund to
27.14 the Legislative Coordinating Commission for
27.15 the website required in Minnesota Statutes,
27.16 section 3.303, subdivision 10.

27.17 **(d) Grants Management System**

27.18 \$330,000 in fiscal year 2019 is from the trust
27.19 fund to the Legislative-Citizen Commission
27.20 on Minnesota Resources to develop, enhance,
27.21 and maintain a management system for project
27.22 records.

27.23 **Subd. 11. Wastewater Treatment**
27.24 **Recommendations** 500,000 -0-

27.25 **(a) Water Infrastructure Loans**

59.12 \$9,340,000 the first year is from the trust fund
59.13 to the Public Facilities Authority for grants
59.14 for wastewater projects under the water
59.15 infrastructure funding program under
59.16 Minnesota Statutes, section 446A.072, to
59.17 home rule and statutory cities and towns with
59.18 a population under 5,000. The commissioner
59.19 of the Pollution Control Agency must work
59.20 with communities that receive grants under
59.21 this paragraph to identify pollutant reduction
59.22 opportunities related to wastewater projects
59.23 funded under this paragraph. This
59.24 appropriation is available until June 30, 2023,
59.25 by which time projects must be completed and
59.26 final products delivered.

59.27 **(b) Optimizing Local Mechanical and Pond**
59.28 **Wastewater-Treatment Plants**

59.29 \$500,000 the first year is from the trust fund
59.30 to the commissioner of the Pollution Control
59.31 Agency for the pilot program created under
59.32 Laws 2018, chapter 214, article 4, section 2,
59.33 subdivision 4, paragraph (a). This
59.34 appropriation is available until June 30, 2021,
60.1 by which time projects must be completed and
60.2 final products delivered.

60.3 Subd. 12. **Fiscal Year 2019 Appropriations**

60.4 **(a) Diagnostic Test for Chronic Wasting Disease**

60.5 \$1,804,000 in fiscal year 2019 is from the trust
60.6 fund to the Board of Regents of the University
60.7 of Minnesota to develop a diagnostic test for
60.8 chronic wasting disease that: (1) uses samples
60.9 from living deer; and (2) uses samples in the
60.10 field from hunter-harvested deer. This
60.11 appropriation is subject to Minnesota Statutes,
60.12 section 116P.10. This appropriation is
60.13 available until June 30, 2021, by which time

27.26 Up to \$6,500,000 of the money in the trust
27.27 fund is available to the State Board of
27.28 Investment to invest in loans through the
27.29 Public Facilities Authority's clean water
27.30 revolving fund under Minnesota Statutes,
27.31 section 446A.07. Notwithstanding Minnesota
27.32 Statutes, section 446A.07, repayments of
27.33 principal and interest and any investment
27.34 income must be credited to the trust fund and
28.1 are available for reinvestment in the clean
28.2 water revolving fund.

28.3 **(b) Optimizing Local Mechanical and Pond**
28.4 **Wastewater-Treatment Plants**

28.5 \$500,000 the first year is from the trust fund
28.6 to the commissioner of the Pollution Control
28.7 Agency for the pilot program created under
28.8 Laws 2018, chapter 214, article 4, section 2,
28.9 subdivision 4, paragraph (a). This
28.10 appropriation is available until June 30, 2021,
28.11 by which time projects must be completed and
28.12 final products delivered.

60.14 projects must be completed and final products
60.15 delivered.

60.16 **(b) Wastewater Infrastructure Funding**

60.17 \$1,136,000 in fiscal year 2019 is appropriated
60.18 from the trust fund to the Public Facilities
60.19 Authority for grants for wastewater projects
60.20 under the water infrastructure funding program
60.21 under Minnesota Statutes, section 446A.072,
60.22 to home rule and statutory cities and towns
60.23 with a population under 5,000. The
60.24 commissioner of the Pollution Control Agency
60.25 must work with communities that receive
60.26 grants under this paragraph to identify
60.27 pollutant reduction opportunities related to
60.28 wastewater projects funded under this
60.29 paragraph. This is a onetime appropriation and
60.30 is available until June 30, 2023, by which time
60.31 projects must be completed and final products
60.32 delivered.

60.33 **(c) Effective Date**

61.1 This subdivision is effective the day following
61.2 final enactment.

61.3 **Subd. 13. Availability of Appropriations**

61.4 Money appropriated in this section may not
61.5 be spent on activities unless they are directly
61.6 related to and necessary for a specific
61.7 appropriation and are specified in the work
61.8 plan approved by the Legislative-Citizen
61.9 Commission on Minnesota Resources. Money
61.10 appropriated in this section must not be spent
61.11 on indirect costs or other institutional overhead
61.12 charges that are not directly related to and
61.13 necessary for a specific appropriation. Costs
61.14 that are directly related to and necessary for
61.15 an appropriation, including financial services,
61.16 human resources, information services, rent,
61.17 and utilities, are eligible only if the costs can
61.18 be clearly justified and individually

28.13 **Subd. 12. Availability of Appropriations**

28.14 Money appropriated in this section may not
28.15 be spent on activities unless they are directly
28.16 related to and necessary for a specific
28.17 appropriation and are specified in the work
28.18 plan approved by the Legislative-Citizen
28.19 Commission on Minnesota Resources. Money
28.20 appropriated in this section must not be spent
28.21 on indirect costs or other institutional overhead
28.22 charges that are not directly related to and
28.23 necessary for a specific appropriation. Costs
28.24 that are directly related to and necessary for
28.25 an appropriation, including financial services,
28.26 human resources, information services, rent,
28.27 and utilities, are eligible only if the costs can
28.28 be clearly justified and individually

61.19 documented specific to the appropriation's
61.20 purpose and would not be generated by the
61.21 recipient but for receipt of the appropriation.
61.22 No broad allocations for costs in either dollars
61.23 or percentages are allowed. Unless otherwise
61.24 provided, the amounts in this section are
61.25 available until June 30, 2022, when projects
61.26 must be completed and final products
61.27 delivered. For acquisition of real property, the
61.28 appropriations in this section are available for
61.29 an additional fiscal year if a binding contract
61.30 for acquisition of the real property is entered
61.31 into before the expiration date of the
61.32 appropriation. If a project receives a federal
61.33 grant, the time period of the appropriation is
61.34 extended to equal the federal grant period.

62.1 **Subd. 14. Data Availability Requirements**

62.2 Data collected by the projects funded under
62.3 this section must conform to guidelines and
62.4 standards adopted by MN.IT Services. Spatial
62.5 data must also conform to additional
62.6 guidelines and standards designed to support
62.7 data coordination and distribution that have
62.8 been published by the Minnesota Geospatial
62.9 Information Office. Descriptions of spatial
62.10 data must be prepared as specified in the state's
62.11 geographic metadata guideline and must be
62.12 submitted to the Minnesota Geospatial
62.13 Information Office. All data must be
62.14 accessible and free to the public unless made
62.15 private under the Data Practices Act,
62.16 Minnesota Statutes, chapter 13. To the extent
62.17 practicable, summary data and results of
62.18 projects funded under this section should be
62.19 readily accessible on the Internet and
62.20 identified as having received funding from the
62.21 environment and natural resources trust fund.

62.22 **Subd. 15. Project Requirements**

62.23 (a) As a condition of accepting an
62.24 appropriation under this section, an agency or

28.29 documented specific to the appropriation's
28.30 purpose and would not be generated by the
28.31 recipient but for receipt of the appropriation.
28.32 No broad allocations for costs in either dollars
28.33 or percentages are allowed. Unless otherwise
28.34 provided, the amounts in this section are
28.35 available until June 30, 2022, when projects
29.1 must be completed and final products
29.2 delivered. For acquisition of real property, the
29.3 appropriations in this section are available for
29.4 an additional fiscal year if a binding contract
29.5 for acquisition of the real property is entered
29.6 into before the expiration date of the
29.7 appropriation. If a project receives a federal
29.8 grant, the time period of the appropriation is
29.9 extended to equal the federal grant period.

29.10 **Subd. 13. Data Availability Requirements**

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

29.31 **Subd. 14. Project Requirements**

29.32 (a) As a condition of accepting an
29.33 appropriation under this section, an agency or

62.25 entity receiving an appropriation or a party to
62.26 an agreement from an appropriation must
62.27 comply with paragraphs (b) to (l) and
62.28 Minnesota Statutes, chapter 116P, and must
62.29 submit a work plan and annual or semiannual
62.30 progress reports in the form determined by the
62.31 Legislative-Citizen Commission on Minnesota
62.32 Resources for any project funded in whole or
62.33 in part with funds from the appropriation.
62.34 Modifications to the approved work plan and
62.35 budget expenditures must be made through
63.1 the amendment process established by the
63.2 Legislative-Citizen Commission on Minnesota
63.3 Resources.

63.4 (b) A recipient of money appropriated in this
63.5 section that conducts a restoration using funds
63.6 appropriated in this section must use native
63.7 plant species according to the Board of Water
63.8 and Soil Resources' native vegetation
63.9 establishment and enhancement guidelines
63.10 and include an appropriate diversity of native
63.11 species selected to provide habitat for
63.12 pollinators throughout the growing season as
63.13 required under Minnesota Statutes, section
63.14 84.973.

63.15 (c) For all restorations conducted with money
63.16 appropriated under this section, a recipient
63.17 must prepare an ecological restoration and
63.18 management plan that, to the degree
63.19 practicable, is consistent with the
63.20 highest-quality conservation and ecological
63.21 goals for the restoration site. Consideration
63.22 should be given to soil, geology, topography,
63.23 and other relevant factors that would provide
63.24 the best chance for long-term success and
63.25 durability of the restoration project. The plan
63.26 must include the proposed timetable for
63.27 implementing the restoration, including site
63.28 preparation, establishment of diverse plant
63.29 species, maintenance, and additional
63.30 enhancement to establish the restoration;
63.31 identify long-term maintenance and

29.34 entity receiving an appropriation or a party to
29.35 an agreement from an appropriation must
30.1 comply with paragraphs (b) to (l) and
30.2 Minnesota Statutes, chapter 116P, and must
30.3 submit a work plan and annual or semiannual
30.4 progress reports in the form determined by the
30.5 Legislative-Citizen Commission on Minnesota
30.6 Resources for any project funded in whole or
30.7 in part with funds from the appropriation.
30.8 Modifications to the approved work plan and
30.9 budget expenditures must be made through
30.10 the amendment process established by the
30.11 Legislative-Citizen Commission on Minnesota
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30.23 84.973.

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30.30 goals for the restoration site. Consideration
30.31 should be given to soil, geology, topography,
30.32 and other relevant factors that would provide
30.33 the best chance for long-term success and
30.34 durability of the restoration project. The plan
30.35 must include the proposed timetable for
31.1 implementing the restoration, including site
31.2 preparation, establishment of diverse plant
31.3 species, maintenance, and additional
31.4 enhancement to establish the restoration;
31.5 identify long-term maintenance and

63.32 management needs of the restoration and how
63.33 the maintenance, management, and
63.34 enhancement will be financed; and take
63.35 advantage of the best-available science and
64.1 include innovative techniques to achieve the
64.2 best restoration.

64.3 (d) An entity receiving an appropriation in this
64.4 section for restoration activities must provide
64.5 an initial restoration evaluation at the
64.6 completion of the appropriation and an
64.7 evaluation three years after the completion of
64.8 the expenditure. Restorations must be
64.9 evaluated relative to the stated goals and
64.10 standards in the restoration plan, current
64.11 science, and, when applicable, the Board of
64.12 Water and Soil Resources' native vegetation
64.13 establishment and enhancement guidelines.
64.14 The evaluation must determine whether the
64.15 restorations are meeting planned goals,
64.16 identify any problems with implementing the
64.17 restorations, and, if necessary, give
64.18 recommendations on improving restorations.
64.19 The evaluation must be focused on improving
64.20 future restorations.

64.21 (e) All restoration and enhancement projects
64.22 funded with money appropriated in this section
64.23 must be on land permanently protected by a
64.24 conservation easement or public ownership.

64.25 (f) A recipient of money from an appropriation
64.26 under this section must give consideration to
64.27 contracting with Conservation Corps
64.28 Minnesota for contract restoration and
64.29 enhancement services.

64.30 (g) All conservation easements acquired with
64.31 money appropriated under this section must:

64.32 (1) be permanent;

64.33 (2) specify the parties to an easement in the
64.34 easement;

31.6 management needs of the restoration and how
31.7 the maintenance, management, and
31.8 enhancement will be financed; and take
31.9 advantage of the best-available science and
31.10 include innovative techniques to achieve the
31.11 best restoration.

31.12 (d) An entity receiving an appropriation in this
31.13 section for restoration activities must provide
31.14 an initial restoration evaluation at the
31.15 completion of the appropriation and an
31.16 evaluation three years after the completion of
31.17 the expenditure. Restorations must be
31.18 evaluated relative to the stated goals and
31.19 standards in the restoration plan, current
31.20 science, and, when applicable, the Board of
31.21 Water and Soil Resources' native vegetation
31.22 establishment and enhancement guidelines.
31.23 The evaluation must determine whether the
31.24 restorations are meeting planned goals,
31.25 identify any problems with implementing the
31.26 restorations, and, if necessary, give
31.27 recommendations on improving restorations.
31.28 The evaluation must be focused on improving
31.29 future restorations.

31.30 (e) All restoration and enhancement projects
31.31 funded with money appropriated in this section
31.32 must be on land permanently protected by a
31.33 conservation easement or public ownership.

31.34 (f) A recipient of money from an appropriation
31.35 under this section must give consideration to
32.1 contracting with Conservation Corps
32.2 Minnesota for contract restoration and
32.3 enhancement services.

32.4 (g) All conservation easements acquired with
32.5 money appropriated under this section must:

32.6 (1) be permanent;

32.7 (2) specify the parties to an easement in the
32.8 easement;

65.1 (3) specify all of the provisions of an
65.2 agreement that are permanent;

65.3 (4) be sent to the Legislative-Citizen
65.4 Commission on Minnesota Resources in an
65.5 electronic format at least ten business days
65.6 before closing;

65.7 (5) include a long-term monitoring and
65.8 enforcement plan and funding for monitoring
65.9 and enforcing the easement agreement; and

65.10 (6) include requirements in the easement
65.11 document to protect the quantity and quality
65.12 of groundwater and surface water through
65.13 specific activities such as keeping water on
65.14 the landscape, reducing nutrient and
65.15 contaminant loading, and not permitting
65.16 artificial hydrological modifications.

65.17 (h) For any acquisition of lands or interest in
65.18 lands, a recipient of money appropriated under
65.19 this section must not agree to pay more than
65.20 100 percent of the appraised value for a parcel
65.21 of land using this money to complete the
65.22 purchase, in part or in whole, except that up
65.23 to ten percent above the appraised value may
65.24 be allowed to complete the purchase, in part
65.25 or in whole, using this money if permission is
65.26 received in advance of the purchase from the
65.27 Legislative-Citizen Commission on Minnesota
65.28 Resources.

65.29 (i) For any acquisition of land or interest in
65.30 land, a recipient of money appropriated under
65.31 this section must give priority to high-quality
65.32 natural resources or conservation lands that
65.33 provide natural buffers to water resources.

66.1 (j) For new lands acquired with money
66.2 appropriated under this section, a recipient
66.3 must prepare an ecological restoration and
66.4 management plan in compliance with
66.5 paragraph (c), including sufficient funding for
66.6 implementation unless the work plan addresses

32.9 (3) specify all of the provisions of an
32.10 agreement that are permanent;

32.11 (4) be sent to the Legislative-Citizen
32.12 Commission on Minnesota Resources in an
32.13 electronic format at least ten business days
32.14 before closing;

32.15 (5) include a long-term monitoring and
32.16 enforcement plan and funding for monitoring
32.17 and enforcing the easement agreement; and

32.18 (6) include requirements in the easement
32.19 document to protect the quantity and quality
32.20 of groundwater and surface water through
32.21 specific activities such as keeping water on
32.22 the landscape, reducing nutrient and
32.23 contaminant loading, and not permitting
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32.29 of land using this money to complete the
32.30 purchase, in part or in whole, except that up
32.31 to ten percent above the appraised value may
32.32 be allowed to complete the purchase, in part
32.33 or in whole, using this money if permission is
33.1 received in advance of the purchase from the
33.2 Legislative-Citizen Commission on Minnesota
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33.8 provide natural buffers to water resources.

33.9 (j) For new lands acquired with money
33.10 appropriated under this section, a recipient
33.11 must prepare an ecological restoration and
33.12 management plan in compliance with
33.13 paragraph (c), including sufficient funding for
33.14 implementation unless the work plan addresses

66.7 why a portion of the money is not necessary
66.8 to achieve a high-quality restoration.

66.9 (k) To ensure public accountability for using
66.10 public funds, a recipient of money
66.11 appropriated under this section must, within
66.12 60 days of the transaction, provide to the
66.13 Legislative-Citizen Commission on Minnesota
66.14 Resources documentation of the selection
66.15 process used to identify parcels acquired and
66.16 provide documentation of all related
66.17 transaction costs, including but not limited to
66.18 appraisals, legal fees, recording fees,
66.19 commissions, other similar costs, and
66.20 donations. This information must be provided
66.21 for all parties involved in the transaction. The
66.22 recipient must also report to the
66.23 Legislative-Citizen Commission on Minnesota
66.24 Resources any difference between the
66.25 acquisition amount paid to the seller and the
66.26 state-certified or state-reviewed appraisal, if
66.27 a state-certified or state-reviewed appraisal
66.28 was conducted.

66.29 (l) A recipient of an appropriation from the
66.30 trust fund under this section must acknowledge
66.31 financial support from the environment and
66.32 natural resources trust fund in project
66.33 publications, signage, and other public
66.34 communications and outreach related to work
66.35 completed using the appropriation.

67.1 Acknowledgment may occur, as appropriate,
67.2 through use of the trust fund logo or inclusion
67.3 of language attributing support from the trust
67.4 fund. Each direct recipient of money
67.5 appropriated in this section, as well as each
67.6 recipient of a grant awarded pursuant to this
67.7 section, must satisfy all reporting and other
67.8 requirements incumbent upon constitutionally
67.9 dedicated funding recipients as provided in
67.10 Minnesota Statutes, section 3.303, subdivision
67.11 10, and chapter 116P.

33.15 why a portion of the money is not necessary
33.16 to achieve a high-quality restoration.

33.17 (k) To ensure public accountability for using
33.18 public funds, a recipient of money
33.19 appropriated under this section must, within
33.20 60 days of the transaction, provide to the
33.21 Legislative-Citizen Commission on Minnesota
33.22 Resources documentation of the selection
33.23 process used to identify parcels acquired and
33.24 provide documentation of all related
33.25 transaction costs, including but not limited to
33.26 appraisals, legal fees, recording fees,
33.27 commissions, other similar costs, and
33.28 donations. This information must be provided
33.29 for all parties involved in the transaction. The
33.30 recipient must also report to the
33.31 Legislative-Citizen Commission on Minnesota
33.32 Resources any difference between the
33.33 acquisition amount paid to the seller and the
33.34 state-certified or state-reviewed appraisal, if
34.1 a state-certified or state-reviewed appraisal
34.2 was conducted.

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34.4 trust fund under this section must acknowledge
34.5 financial support from the environment and
34.6 natural resources trust fund in project
34.7 publications, signage, and other public
34.8 communications and outreach related to work
34.9 completed using the appropriation.

34.10 Acknowledgment may occur, as appropriate,
34.11 through use of the trust fund logo or inclusion
34.12 of language attributing support from the trust
34.13 fund. Each direct recipient of money
34.14 appropriated in this section, as well as each
34.15 recipient of a grant awarded pursuant to this
34.16 section, must satisfy all reporting and other
34.17 requirements incumbent upon constitutionally
34.18 dedicated funding recipients as provided in
34.19 Minnesota Statutes, section 3.303, subdivision
34.20 10, and chapter 116P.

67.12 Subd. 16. **Payment Conditions and**
67.13 **Capital-Equipment Expenditures**

67.14 (a) All agreements, grants, or contracts
67.15 referred to in this section must be administered
67.16 on a reimbursement basis unless otherwise
67.17 provided in this section. Notwithstanding
67.18 Minnesota Statutes, section 16A.41,
67.19 expenditures made on or after July 1, 2019,
67.20 or the date the work plan is approved,
67.21 whichever is later, are eligible for
67.22 reimbursement unless otherwise provided in
67.23 this section. Periodic payments must be made
67.24 upon receiving documentation that the
67.25 deliverable items articulated in the approved
67.26 work plan have been achieved, including
67.27 partial achievements as evidenced by approved
67.28 progress reports. Reasonable amounts may be
67.29 advanced to projects to accommodate
67.30 cash-flow needs or match federal money. The
67.31 advances must be approved as part of the work
67.32 plan. No expenditures for capital equipment
67.33 are allowed unless expressly authorized in the
67.34 project work plan.

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

68.3 Subd. 17. **Purchase of Recycled and Recyclable**
68.4 **Materials**

68.5 A political subdivision, public or private
68.6 corporation, or other entity that receives an
68.7 appropriation under this section must use the
68.8 appropriation in compliance with Minnesota
68.9 Statutes, section 16C.0725, regarding
68.10 purchasing recycled, repairable, and durable
68.11 materials and Minnesota Statutes, section
68.12 16C.073, regarding purchasing and using
68.13 paper stock and printing.

34.21 Subd. 15. **Payment Conditions and**
34.22 **Capital-Equipment Expenditures**

34.23 (a) All agreements, grants, or contracts
34.24 referred to in this section must be administered
34.25 on a reimbursement basis unless otherwise
34.26 provided in this section. Notwithstanding
34.27 Minnesota Statutes, section 16A.41,
34.28 expenditures made on or after July 1, 2019,
34.29 or the date the work plan is approved,
34.30 whichever is later, are eligible for
34.31 reimbursement unless otherwise provided in
34.32 this section. Periodic payments must be made
34.33 upon receiving documentation that the
34.34 deliverable items articulated in the approved
34.35 work plan have been achieved, including
35.1 partial achievements as evidenced by approved
35.2 progress reports. Reasonable amounts may be
35.3 advanced to projects to accommodate
35.4 cash-flow needs or match federal money. The
35.5 advances must be approved as part of the work
35.6 plan. No expenditures for capital equipment
35.7 are allowed unless expressly authorized in the
35.8 project work plan.

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35.10 approved work plan are allowed.

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35.14 corporation, or other entity that receives an
35.15 appropriation under this section must use the
35.16 appropriation in compliance with Minnesota
35.17 Statutes, section 16C.0725, regarding
35.18 purchasing recycled, repairable, and durable
35.19 materials and Minnesota Statutes, section
35.20 16C.073, regarding purchasing and using
35.21 paper stock and printing.

68.14 Subd. 18. Energy Conservation and Sustainable
68.15 Building Guidelines

68.16 A recipient to whom an appropriation is made
68.17 under this section for a capital improvement
68.18 project must ensure that the project complies
68.19 with the applicable energy conservation and
68.20 sustainable building guidelines and standards
68.21 contained in law, including Minnesota
68.22 Statutes, sections 16B.325, 216C.19, and
68.23 216C.20, and rules adopted under those
68.24 sections. The recipient may use the energy
68.25 planning, advocacy, and State Energy Office
68.26 units of the Department of Commerce to
68.27 obtain information and technical assistance
68.28 on energy conservation and alternative-energy
68.29 development relating to planning and
68.30 constructing the capital improvement project.

68.31 Subd. 19. Accessibility

68.32 Structural and nonstructural facilities must
68.33 meet the design standards in the Americans
68.34 with Disabilities Act (ADA) accessibility
68.35 guidelines.

69.1 Subd. 20. Carryforward; Extension

69.2 (a) The availability of the appropriations for
69.3 the following projects is extended to June 30,
69.4 2020:

69.5 (1) Laws 2015, chapter 76, section 2,
69.6 subdivision 3, paragraph (g), Minnesota
69.7 Native Bee Atlas;

69.8 (2) Laws 2015, chapter 76, section 2,
69.9 subdivision 4, paragraph (f), Southeast

35.22 Subd. 17. Energy Conservation and Sustainable
35.23 Building Guidelines

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

36.4 Subd. 18. Accessibility

36.5 Structural and nonstructural facilities must
36.6 meet the design standards in the Americans
36.7 with Disabilities Act (ADA) accessibility
36.8 guidelines.

36.9 Subd. 19. Carryforward; Extension

36.10 (a) The availability of the appropriations for
36.11 the following projects is extended to June 30,
36.12 2020:

36.13 (1) Laws 2014, chapter 226, section 2,
36.14 subdivision 10, paragraph (c),
36.15 Legislative-Citizen Commission on Minnesota
36.16 Resources (LCCMR);

36.17 (2) Laws 2015, chapter 76, section 2,
36.18 subdivision 3, paragraph (g), Minnesota
36.19 Native Bee Atlas;

36.20 (3) Laws 2015, chapter 76, section 2,
36.21 subdivision 4, paragraph (f), Southeast

69.10 Minnesota Subsurface Drainage Impacts on
69.11 Groundwater Recharge;
69.12 (3) Laws 2015, chapter 76, section 2,
69.13 subdivision 10, Emerging Issues Account;
69.14 (4) Laws 2016, chapter 186, section 2,
69.15 subdivision 3, paragraph (a), Data-Driven
69.16 Pollinator Conservation Strategies;
69.17 (5) Laws 2016, chapter 186, section 2,
69.18 subdivision 3, paragraph (c), Prairie Butterfly
69.19 Conservation, Research, and Breeding - Phase
69.20 II;
69.21 (6) Laws 2016, chapter 186, section 2,
69.22 subdivision 4, paragraph (h), Protection of
69.23 State's Confined Drinking Water Aquifers -
69.24 Phase II;
69.25 (7) Laws 2016, chapter 186, section 2,
69.26 subdivision 4, paragraph (r), Morrison County
69.27 Performance Drainage and Hydrology
69.28 Management;
69.29 (8) Laws 2016, chapter 186, section 2,
69.30 subdivision 6, paragraph (c), Advancing
69.31 Microbial Invasive Species Monitoring from
69.32 Ballast Discharge;
70.1 (9) Laws 2016, chapter 186, section 2,
70.2 subdivision 6, paragraph (e), Elimination of
70.3 Target Invasive Plant Species - Phase II;
70.4 (10) Laws 2016, chapter 186, section 2,
70.5 subdivision 8, paragraph (a), Bee Pollinator
70.6 Habitat Enhancement - Phase II;
70.7 (11) Laws 2016, chapter 186, section 2,
70.8 subdivision 8, paragraph (b), Measuring Pollen
70.9 and Seed Dispersal for Prairie Fragment
70.10 Connectivity;
70.11 (12) Laws 2016, chapter 186, section 2,
70.12 subdivision 8, paragraph (f), Forest
70.13 Management for Mississippi River Drinking
70.14 Water Protection;

36.22 Minnesota Subsurface Drainage Impacts on
36.23 Groundwater Recharge;
36.24 (4) Laws 2015, chapter 76, section 2,
36.25 subdivision 10, Emerging Issues Account;
36.26 (5) Laws 2016, chapter 186, section 2,
36.27 subdivision 3, paragraph (a), Data-Driven
36.28 Pollinator Conservation Strategies;
36.29 (6) Laws 2016, chapter 186, section 2,
36.30 subdivision 3, paragraph (c), Prairie Butterfly
36.31 Conservation, Research, and Breeding - Phase
36.32 II;
37.1 (7) Laws 2016, chapter 186, section 2,
37.2 subdivision 4, paragraph (h), Protection of
37.3 State's Confined Drinking Water Aquifers -
37.4 Phase II;
37.5 (8) Laws 2016, chapter 186, section 2,
37.6 subdivision 4, paragraph (r), Morrison County
37.7 Performance Drainage and Hydrology
37.8 Management;
37.9 (9) Laws 2016, chapter 186, section 2,
37.10 subdivision 6, paragraph (c), Advancing
37.11 Microbial Invasive Species Monitoring from
37.12 Ballast Discharge;
37.13 (10) Laws 2016, chapter 186, section 2,
37.14 subdivision 6, paragraph (e), Elimination of
37.15 Target Invasive Plant Species - Phase II;
37.16 (11) Laws 2016, chapter 186, section 2,
37.17 subdivision 8, paragraph (a), Bee Pollinator
37.18 Habitat Enhancement - Phase II;
37.19 (12) Laws 2016, chapter 186, section 2,
37.20 subdivision 8, paragraph (b), Measuring Pollen
37.21 and Seed Dispersal for Prairie Fragment
37.22 Connectivity;
37.23 (13) Laws 2016, chapter 186, section 2,
37.24 subdivision 8, paragraph (f), Forest
37.25 Management for Mississippi River Drinking
37.26 Water Protection;

70.15 (13) Laws 2016, chapter 186, section 2,
70.16 subdivision 9, paragraph (b), Minnesota Point
70.17 Pine Forest Scientific and Natural Area
70.18 Acquisition; and

70.19 (14) Laws 2017, chapter 96, section 2,
70.20 subdivision 4, paragraph (a), Assessment of
70.21 Household Chemicals and Herbicides in
70.22 Rivers and Lakes.

70.23 (b) The availability of the appropriation under
70.24 Laws 2017, chapter 96, section 2, subdivision
70.25 7, paragraph (b), Assessment of Urban Air
70.26 Quality, is extended to June 30, 2021.

70.27 Sec. 3. Laws 2015, chapter 76, section 2, subdivision 9, as amended by Laws 2018, chapter
70.28 214, article 4, section 5, is amended to read:

70.29 Subd. 9. **Land Acquisition for Habitat and**
70.30 **Recreation** 14,190,000 -0-

70.31 **(a) State Parks and Trails Land**
70.32 **Acquisitions**

71.1 \$1,500,000 the first year is from the trust fund
71.2 to the commissioner of natural resources to
71.3 acquire at least 335 acres for authorized state
71.4 trails and critical parcels within the statutory
71.5 boundaries of state parks. State park land
71.6 acquired with this appropriation must be
71.7 sufficiently improved to meet at least

37.27 (14) Laws 2016, chapter 186, section 2,
37.28 subdivision 9, paragraph (b), Minnesota Point
37.29 Pine Forest Scientific and Natural Area
37.30 Acquisition; and

37.31 (15) Laws 2017, chapter 96, section 2,
37.32 subdivision 4, paragraph (a), Assessment of
38.1 Household Chemicals and Herbicides in
38.2 Rivers and Lakes.

38.3 (b) The availability of the appropriation under
38.4 Laws 2017, chapter 96, section 2, subdivision
38.5 7, paragraph (b), Assessment of Urban Air
38.6 Quality, is extended to June 30, 2021.

38.7 Sec. 3. Minnesota Statutes 2018, section 116P.08, subdivision 2, is amended to read:

38.8 Subd. 2. **Exceptions.** Money from the trust fund may not be spent for:

38.9 (1) purposes of environmental compensation and liability under chapter 115B and
38.10 response actions under chapter 115C;

38.11 (2) purposes of municipal water pollution control in municipalities with a population of
38.12 5,000 or more under the authority of chapters 115 and 116;

38.13 (3) costs associated with the decommissioning of nuclear power plants;

38.14 (4) hazardous waste disposal facilities;

38.15 (5) solid waste disposal facilities; or

38.16 (6) projects or purposes inconsistent with the strategic plan.

38.17 Sec. 4. Laws 2015, chapter 76, section 2, subdivision 9, as amended by Laws 2018, chapter
38.18 214, article 4, section 5, is amended to read:

38.19 Subd. 9. **Land Acquisition for Habitat and**
38.20 **Recreation** 14,190,000 -0-

38.21 **(a) State Parks and Trails Land**
38.22 **Acquisitions**

38.23 \$1,500,000 the first year is from the trust fund
38.24 to the commissioner of natural resources to
38.25 acquire at least 335 acres for authorized state
38.26 trails and critical parcels within the statutory
38.27 boundaries of state parks. State park land
38.28 acquired with this appropriation must be
38.29 sufficiently improved to meet at least

71.8 minimum management standards, as
71.9 determined by the commissioner of natural
71.10 resources. A list of proposed acquisitions must
71.11 be provided as part of the required work plan.
71.12 This appropriation is available until June 30,
71.13 2018, by which time the project must be
71.14 completed and final products delivered.

71.15 **(b) Metropolitan Regional Park System**
71.16 **Land Acquisition - Phase IV**

71.17 \$1,000,000 the first year is from the trust fund
71.18 to the Metropolitan Council for grants to
71.19 acquire ~~at least 133~~ approximately 90 acres of
71.20 lands within the approved park unit boundaries
71.21 of the metropolitan regional park system. This
71.22 appropriation may not be used to purchase
71.23 habitable residential structures. A list of
71.24 proposed fee title and easement acquisitions
71.25 must be provided as part of the required work
71.26 plan. This appropriation must be matched by
71.27 at least 40 percent of nonstate money that must
71.28 be committed by December 31, 2015, or the
71.29 appropriation cancels. This appropriation is
71.30 available until June 30, 2018, by which time
71.31 the project must be completed and final
71.32 products delivered.

71.33 **(c) SNA Acquisition, Restoration,**
71.34 **Enhancement, and Public Engagement**

72.1 \$4,000,000 the first year is from the trust fund
72.2 to the commissioner of natural resources to
72.3 acquire at least 350 acres of lands with
72.4 high-quality native plant communities and rare
72.5 features to be established as scientific and
72.6 natural areas as provided in Minnesota
72.7 Statutes, section 86A.05, subdivision 5, restore
72.8 and improve at least 550 acres of scientific
72.9 and natural areas, and provide technical
72.10 assistance and outreach. A list of proposed
72.11 acquisitions must be provided as part of the
72.12 required work plan. Land acquired with this
72.13 appropriation must be sufficiently improved
72.14 to meet at least minimum management

38.30 minimum management standards, as
38.31 determined by the commissioner of natural
39.1 resources. A list of proposed acquisitions must
39.2 be provided as part of the required work plan.
39.3 This appropriation is available until June 30,
39.4 2018, by which time the project must be
39.5 completed and final products delivered.

39.6 **(b) Metropolitan Regional Park System**
39.7 **Land Acquisition - Phase IV**

39.8 \$1,000,000 the first year is from the trust fund
39.9 to the Metropolitan Council for grants to
39.10 acquire ~~at least 133~~ approximately 90 acres of
39.11 lands within the approved park unit boundaries
39.12 of the metropolitan regional park system. This
39.13 appropriation may not be used to purchase
39.14 habitable residential structures. A list of
39.15 proposed fee title and easement acquisitions
39.16 must be provided as part of the required work
39.17 plan. This appropriation must be matched by
39.18 at least 40 percent of nonstate money that must
39.19 be committed by December 31, 2015, or the
39.20 appropriation cancels. This appropriation is
39.21 available until June 30, 2018, by which time
39.22 the project must be completed and final
39.23 products delivered.

39.24 **(c) SNA Acquisition, Restoration,**
39.25 **Enhancement, and Public Engagement**

39.26 \$4,000,000 the first year is from the trust fund
39.27 to the commissioner of natural resources to
39.28 acquire at least 350 acres of lands with
39.29 high-quality native plant communities and rare
39.30 features to be established as scientific and
39.31 natural areas as provided in Minnesota
39.32 Statutes, section 86A.05, subdivision 5, restore
39.33 and improve at least 550 acres of scientific
39.34 and natural areas, and provide technical
39.35 assistance and outreach. A list of proposed
40.1 acquisitions must be provided as part of the
40.2 required work plan. Land acquired with this
40.3 appropriation must be sufficiently improved
40.4 to meet at least minimum management

72.15 standards, as determined by the commissioner
72.16 of natural resources. This appropriation is
72.17 available until June 30, 2018, by which time
72.18 the project must be completed and final
72.19 products delivered.

72.20 **(d) Native Prairie Stewardship and Prairie**
72.21 **Bank Easement Acquisition**

72.22 \$3,325,000 the first year is from the trust fund
72.23 to the commissioner of natural resources to
72.24 acquire native prairie bank easements on at
72.25 least 675 acres, prepare baseline property
72.26 assessments, restore and enhance at least 1,000
72.27 acres of native prairie sites, and provide
72.28 technical assistance to landowners. Of this
72.29 amount, up to \$195,000 must be deposited in
72.30 a conservation easement stewardship account.
72.31 Deposits into the conservation easement
72.32 stewardship account must be made upon
72.33 closing on conservation easements or at a time
72.34 otherwise approved in the work plan. A list of
72.35 proposed easement acquisitions must be
73.1 provided as part of the required work plan.
73.2 This appropriation is available until June 30,
73.3 2018, by which time the project must be
73.4 completed and final products delivered.

73.5 **(e) Metro Conservation Corridors - Phase**
73.6 **VIII Coordination, Mapping, and**
73.7 **Conservation Easements**

73.8 \$515,000 the first year is from the trust fund
73.9 to the commissioner of natural resources for
73.10 an agreement with the Minnesota Land Trust
73.11 for Phase VIII of the Metro Conservation
73.12 Corridors partnership to provide coordination
73.13 and mapping for the partnership and to acquire
73.14 permanent conservation easements on at least
73.15 120 acres of strategic ecological landscapes
73.16 to protect priority natural areas in the
73.17 metropolitan area, as defined under Minnesota
73.18 Statutes, section 473.121, subdivision 2, and
73.19 portions of the surrounding counties. A list of
73.20 proposed easement acquisitions must be

40.5 standards, as determined by the commissioner
40.6 of natural resources. This appropriation is
40.7 available until June 30, 2018, by which time
40.8 the project must be completed and final
40.9 products delivered.

40.10 **(d) Native Prairie Stewardship and Prairie**
40.11 **Bank Easement Acquisition**

40.12 \$3,325,000 the first year is from the trust fund
40.13 to the commissioner of natural resources to
40.14 acquire native prairie bank easements on at
40.15 least 675 acres, prepare baseline property
40.16 assessments, restore and enhance at least 1,000
40.17 acres of native prairie sites, and provide
40.18 technical assistance to landowners. Of this
40.19 amount, up to \$195,000 must be deposited in
40.20 a conservation easement stewardship account.
40.21 Deposits into the conservation easement
40.22 stewardship account must be made upon
40.23 closing on conservation easements or at a time
40.24 otherwise approved in the work plan. A list of
40.25 proposed easement acquisitions must be
40.26 provided as part of the required work plan.
40.27 This appropriation is available until June 30,
40.28 2018, by which time the project must be
40.29 completed and final products delivered.

40.30 **(e) Metro Conservation Corridors - Phase**
40.31 **VIII Coordination, Mapping, and**
40.32 **Conservation Easements**

40.33 \$515,000 the first year is from the trust fund
40.34 to the commissioner of natural resources for
40.35 an agreement with the Minnesota Land Trust
41.1 for Phase VIII of the Metro Conservation
41.2 Corridors partnership to provide coordination
41.3 and mapping for the partnership and to acquire
41.4 permanent conservation easements on at least
41.5 120 acres of strategic ecological landscapes
41.6 to protect priority natural areas in the
41.7 metropolitan area, as defined under Minnesota
41.8 Statutes, section 473.121, subdivision 2, and
41.9 portions of the surrounding counties. A list of
41.10 proposed easement acquisitions must be

73.21 provided as part of the required work plan.
73.22 Land acquired with this appropriation must
73.23 be sufficiently improved to meet at least
73.24 minimum management standards, as
73.25 determined by the commissioner of natural
73.26 resources. Expenditures are limited to the
73.27 identified project corridor areas as defined in
73.28 the work plan. Up to \$40,000 may be used for
73.29 coordination and mapping for the Metro
73.30 Conservation Corridors. All conservation
73.31 easements must be perpetual and have a
73.32 natural resource management plan. A list of
73.33 proposed easement acquisitions must be
73.34 provided as part of the required work plan.
73.35 This appropriation is available June 30, 2018,
74.1 by which time the project must be completed
74.2 and final products delivered.

74.3 **(f) Metro Conservation Corridors - Phase**
74.4 **VIII Strategic Lands Protection**

74.5 \$750,000 the first year is from the trust fund
74.6 to the commissioner of natural resources for
74.7 an agreement with The Trust for Public Land
74.8 for Phase VIII of the Metro Conservation
74.9 Corridors partnership to acquire in fee at least
74.10 35 acres of high-quality priority state and local
74.11 natural areas in the metropolitan area, as
74.12 defined under Minnesota Statutes, section
74.13 473.121, subdivision 2, and portions of the
74.14 surrounding counties. A list of proposed
74.15 acquisitions must be provided as part of the
74.16 required work plan. Land acquired with this
74.17 appropriation must be sufficiently improved
74.18 to meet at least minimum management
74.19 standards, as determined by the commissioner
74.20 of natural resources. Expenditures are limited
74.21 to the identified project corridor areas as
74.22 defined in the work plan. This appropriation
74.23 may not be used to purchase habitable
74.24 residential structures, unless expressly
74.25 approved in the work plan. A list of fee title
74.26 acquisitions must be provided as part of the
74.27 required work plan. This appropriation is

41.11 provided as part of the required work plan.
41.12 Land acquired with this appropriation must
41.13 be sufficiently improved to meet at least
41.14 minimum management standards, as
41.15 determined by the commissioner of natural
41.16 resources. Expenditures are limited to the
41.17 identified project corridor areas as defined in
41.18 the work plan. Up to \$40,000 may be used for
41.19 coordination and mapping for the Metro
41.20 Conservation Corridors. All conservation
41.21 easements must be perpetual and have a
41.22 natural resource management plan. A list of
41.23 proposed easement acquisitions must be
41.24 provided as part of the required work plan.
41.25 This appropriation is available June 30, 2018,
41.26 by which time the project must be completed
41.27 and final products delivered.

41.28 **(f) Metro Conservation Corridors - Phase**
41.29 **VIII Strategic Lands Protection**

41.30 \$750,000 the first year is from the trust fund
41.31 to the commissioner of natural resources for
41.32 an agreement with The Trust for Public Land
41.33 for Phase VIII of the Metro Conservation
41.34 Corridors partnership to acquire in fee at least
41.35 35 acres of high-quality priority state and local
42.1 natural areas in the metropolitan area, as
42.2 defined under Minnesota Statutes, section
42.3 473.121, subdivision 2, and portions of the
42.4 surrounding counties. A list of proposed
42.5 acquisitions must be provided as part of the
42.6 required work plan. Land acquired with this
42.7 appropriation must be sufficiently improved
42.8 to meet at least minimum management
42.9 standards, as determined by the commissioner
42.10 of natural resources. Expenditures are limited
42.11 to the identified project corridor areas as
42.12 defined in the work plan. This appropriation
42.13 may not be used to purchase habitable
42.14 residential structures, unless expressly
42.15 approved in the work plan. A list of fee title
42.16 acquisitions must be provided as part of the
42.17 required work plan. This appropriation is

74.28 available until June 30, 2018, by which time
74.29 the project must be completed and final
74.30 products delivered.

74.31 **(g) Metro Conservation Corridors - Phase**
74.32 **VIII Priority Expansion of Minnesota**
74.33 **Valley National Wildlife Refuge**

74.34 \$500,000 the first year is from the trust fund
74.35 to the commissioner of natural resources for
75.1 an agreement with the Minnesota Valley
75.2 National Wildlife Refuge Trust, Inc. for Phase
75.3 VIII of the Metro Conservation Corridors
75.4 partnership to acquire in fee at least 100 acres
75.5 of priority habitat for the Minnesota Valley
75.6 National Wildlife Refuge in the metropolitan
75.7 area, as defined under Minnesota Statutes,
75.8 section 473.121, subdivision 2, and portions
75.9 of the surrounding counties. A list of proposed
75.10 acquisitions must be provided as part of the
75.11 required work plan. Land acquired with this
75.12 appropriation must be sufficiently improved
75.13 to meet at least minimum management
75.14 standards. Expenditures are limited to the
75.15 identified project corridor areas as defined in
75.16 the work plan. This appropriation may not be
75.17 used to purchase habitable residential
75.18 structures, unless expressly approved in the
75.19 work plan. This appropriation is available until
75.20 June 30, 2018, by which time the project must
75.21 be completed and final products delivered.

75.22 **(h) Metro Conservation Corridors - Phase**
75.23 **VIII Wildlife Management Area**
75.24 **Acquisition**

75.25 \$400,000 the first year is from the trust fund
75.26 to the commissioner of natural resources for
75.27 Phase VIII of the Metro Conservation
75.28 Corridors partnership to acquire in fee at least
75.29 82 acres along the lower reaches of the
75.30 Vermillion River in Dakota County within the
75.31 Gores Pool Wildlife Management Area. Land
75.32 acquired with this appropriation must be
75.33 sufficiently improved to meet at least

42.18 available until June 30, 2018, by which time
42.19 the project must be completed and final
42.20 products delivered.

42.21 **(g) Metro Conservation Corridors - Phase**
42.22 **VIII Priority Expansion of Minnesota**
42.23 **Valley National Wildlife Refuge**

42.24 \$500,000 the first year is from the trust fund
42.25 to the commissioner of natural resources for
42.26 an agreement with the Minnesota Valley
42.27 National Wildlife Refuge Trust, Inc. for Phase
42.28 VIII of the Metro Conservation Corridors
42.29 partnership to acquire in fee at least 100 acres
42.30 of priority habitat for the Minnesota Valley
42.31 National Wildlife Refuge in the metropolitan
42.32 area, as defined under Minnesota Statutes,
42.33 section 473.121, subdivision 2, and portions
42.34 of the surrounding counties. A list of proposed
42.35 acquisitions must be provided as part of the
43.1 required work plan. Land acquired with this
43.2 appropriation must be sufficiently improved
43.3 to meet at least minimum management
43.4 standards. Expenditures are limited to the
43.5 identified project corridor areas as defined in
43.6 the work plan. This appropriation may not be
43.7 used to purchase habitable residential
43.8 structures, unless expressly approved in the
43.9 work plan. This appropriation is available until
43.10 June 30, 2018, by which time the project must
43.11 be completed and final products delivered.

43.12 **(h) Metro Conservation Corridors - Phase**
43.13 **VIII Wildlife Management Area**
43.14 **Acquisition**

43.15 \$400,000 the first year is from the trust fund
43.16 to the commissioner of natural resources for
43.17 Phase VIII of the Metro Conservation
43.18 Corridors partnership to acquire in fee at least
43.19 82 acres along the lower reaches of the
43.20 Vermillion River in Dakota County within the
43.21 Gores Pool Wildlife Management Area. Land
43.22 acquired with this appropriation must be
43.23 sufficiently improved to meet at least

75.34 minimum management standards. This
75.35 appropriation may not be used to purchase
76.1 habitable residential structures, unless
76.2 expressly approved in the work plan. This
76.3 appropriation is available until June 30, 2018,
76.4 by which time the project must be completed
76.5 and final products delivered.

76.6 **(i) Mesabi Trail Development Soudan to**
76.7 **Ely - Phase II**

76.8 \$1,000,000 the first year is from the trust fund
76.9 to the commissioner of natural resources for
76.10 an agreement with the St. Louis and Lake
76.11 Counties Regional Railroad Authority for the
76.12 right-of-way acquisition, design, and
76.13 construction of segments of the Mesabi Trail,
76.14 totaling approximately seven miles between
76.15 Soudan and Ely. This appropriation is
76.16 available until June 30, 2018, by which time
76.17 the project must be completed and final
76.18 products delivered.

76.19 **(j) Multi-benefit Watershed Scale**
76.20 **Conservation on North Central Lakes**

76.21 \$950,000 the first year is from the trust fund
76.22 to the Board of Water and Soil Resources to
76.23 secure permanent conservation easements on
76.24 at least 480 acres of high-quality habitat in
76.25 Crow Wing and Cass Counties. Of this
76.26 amount, up to \$65,000 must be deposited in a
76.27 conservation easement stewardship account;
76.28 and \$54,000 is for an agreement with the
76.29 Leech Lake Area Watershed Foundation in
76.30 cooperation with Crow Wing County Soil and
76.31 Water Conservation District and Cass County
76.32 Soil and Water Conservation District. Deposits
76.33 into the conservation easement stewardship
76.34 account must be made upon closing on
76.35 conservation easements or at a time otherwise
77.1 approved in the work plan. A list of proposed
77.2 easement acquisitions must be provided as
77.3 part of the required work plan. This
77.4 appropriation is available until June 30, 2018,

43.24 minimum management standards. This
43.25 appropriation may not be used to purchase
43.26 habitable residential structures, unless
43.27 expressly approved in the work plan. This
43.28 appropriation is available until June 30, 2018,
43.29 by which time the project must be completed
43.30 and final products delivered.

43.31 **(i) Mesabi Trail Development Soudan to**
43.32 **Ely - Phase II**

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43.34 to the commissioner of natural resources for
43.35 an agreement with the St. Louis and Lake
44.1 Counties Regional Railroad Authority for the
44.2 right-of-way acquisition, design, and
44.3 construction of segments of the Mesabi Trail,
44.4 totaling approximately seven miles between
44.5 Soudan and Ely. This appropriation is
44.6 available until June 30, 2018, by which time
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44.9 **(j) Multi-benefit Watershed Scale**
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44.14 at least 480 acres of high-quality habitat in
44.15 Crow Wing and Cass Counties. Of this
44.16 amount, up to \$65,000 must be deposited in a
44.17 conservation easement stewardship account;
44.18 and \$54,000 is for an agreement with the
44.19 Leech Lake Area Watershed Foundation in
44.20 cooperation with Crow Wing County Soil and
44.21 Water Conservation District and Cass County
44.22 Soil and Water Conservation District. Deposits
44.23 into the conservation easement stewardship
44.24 account must be made upon closing on
44.25 conservation easements or at a time otherwise
44.26 approved in the work plan. A list of proposed
44.27 easement acquisitions must be provided as
44.28 part of the required work plan. This
44.29 appropriation is available until June 30, 2018,

77.5 by which time the project must be completed
77.6 and final products delivered.

77.7 **(k) Conservation Easement Assessment and**
77.8 **Valuation System Development**

77.9 \$250,000 the first year is from the trust fund
77.10 to the Board of Regents of the University of
77.11 Minnesota to assess the effectiveness of
77.12 existing conservation easements acquired
77.13 through state expenditures at achieving their
77.14 intended outcomes of public value and
77.15 ecological benefits and to develop a
77.16 standardized, objective conservation easement
77.17 valuation system for guiding future state
77.18 investments in conservation easements to
77.19 ensure the proposed environmental benefits
77.20 are being achieved in a cost-effective manner.
77.21 This appropriation is available until June 30,
77.22 2018, by which time the project must be
77.23 completed and final products delivered.

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

77.25	Subd. 9. Land Acquisition,			
77.26	Habitat, and Recreation	999,000	13,533,000	-0-

77.27 **(a) Metropolitan Regional Parks System Land**
77.28 **Acquisition**

77.29 \$1,500,000 the first year is from the trust fund
77.30 to the Metropolitan Council for grants to
77.31 acquire approximately ~~497~~ 70 acres of land
77.32 within the approved park boundaries of the
77.33 metropolitan regional park system. This
77.34 appropriation may not be used to purchase
77.35 habitable residential structures. A list of
78.1 proposed fee title acquisitions must be
78.2 provided as part of the required work plan.
78.3 This appropriation must be matched by at least
78.4 40 percent of nonstate money that must be
78.5 committed by December 31, 2017. This
78.6 appropriation is available until June 30, 2020,
78.7 by which time the project must be completed
78.8 and final products delivered.

44.30 by which time the project must be completed
44.31 and final products delivered.

44.32 **(k) Conservation Easement Assessment and**
44.33 **Valuation System Development**

44.34 \$250,000 the first year is from the trust fund
44.35 to the Board of Regents of the University of
45.1 Minnesota to assess the effectiveness of
45.2 existing conservation easements acquired
45.3 through state expenditures at achieving their
45.4 intended outcomes of public value and
45.5 ecological benefits and to develop a
45.6 standardized, objective conservation easement
45.7 valuation system for guiding future state
45.8 investments in conservation easements to
45.9 ensure the proposed environmental benefits
45.10 are being achieved in a cost-effective manner.
45.11 This appropriation is available until June 30,
45.12 2018, by which time the project must be
45.13 completed and final products delivered.

45.14 Sec. 5. Laws 2017, chapter 96, section 2, subdivision 9, is amended to read:

45.15	Subd. 9. Land Acquisition,			
45.16	Habitat, and Recreation	999,000	13,533,000	-0-

45.17 **(a) Metropolitan Regional Parks System Land**
45.18 **Acquisition**

45.19 \$1,500,000 the first year is from the trust fund
45.20 to the Metropolitan Council for grants to
45.21 acquire approximately ~~497~~ 70 acres of land
45.22 within the approved park boundaries of the
45.23 metropolitan regional park system. This
45.24 appropriation may not be used to purchase
45.25 habitable residential structures. A list of
45.26 proposed fee title acquisitions must be
45.27 provided as part of the required work plan.
45.28 This appropriation must be matched by at least
45.29 40 percent of nonstate money that must be
45.30 committed by December 31, 2017. This
45.31 appropriation is available until June 30, 2020,
45.32 by which time the project must be completed
45.33 and final products delivered.

78.9 (b) **Scientific and Natural Areas Acquisition and**
78.10 **Restoration, Citizen Science, and Engagement**

78.11 \$2,500,000 the first year is from the trust fund
78.12 to the commissioner of natural resources to
78.13 acquire ~~at least 250 acres of~~ land with
78.14 high-quality native plant communities and rare
78.15 features to be established as scientific and
78.16 natural areas as provided in Minnesota
78.17 Statutes, section 86A.05, subdivision 5, restore
78.18 and improve ~~at least 1,000 acres of~~ scientific
78.19 and natural areas, and provide technical
78.20 assistance and outreach, including site steward
78.21 events. At least one-third of the appropriation
78.22 must be spent on restoration activities. A list
78.23 of proposed acquisitions and restorations must
78.24 be provided as part of the required work plan.
78.25 Land acquired with this appropriation must
78.26 be sufficiently improved to meet at least
78.27 minimum management standards, as
78.28 determined by the commissioner of natural
78.29 resources. When feasible, consideration must
78.30 be given to accommodate trails on lands
78.31 acquired. This appropriation is available until
78.32 June 30, 2020, by which time the project must
78.33 be completed and final products delivered.

78.34 (c) **Minnesota State Parks and State Trails Land**
78.35 **Acquisition**

79.1 \$1,500,000 the first year is from the trust fund
79.2 to the commissioner of natural resources to
79.3 acquire approximately 373 acres from willing
79.4 sellers for authorized state trails and critical
79.5 parcels within the statutory boundaries of state
79.6 parks. State park land acquired with this
79.7 appropriation must be sufficiently improved
79.8 to meet at least minimum management
79.9 standards, as determined by the commissioner
79.10 of natural resources. A list of proposed
79.11 acquisitions must be provided as part of the
79.12 required work plan. This appropriation is
79.13 available until June 30, 2020, by which time

45.34 (b) **Scientific and Natural Areas Acquisition and**
45.35 **Restoration, Citizen Science, and Engagement**

46.1 \$2,500,000 the first year is from the trust fund
46.2 to the commissioner of natural resources to
46.3 acquire ~~at least 250 acres of~~ land with
46.4 high-quality native plant communities and rare
46.5 features to be established as scientific and
46.6 natural areas as provided in Minnesota
46.7 Statutes, section 86A.05, subdivision 5, restore
46.8 and improve ~~at least 1,000 acres of~~ scientific
46.9 and natural areas, and provide technical
46.10 assistance and outreach, including site steward
46.11 events. At least one-third of the appropriation
46.12 must be spent on restoration activities. A list
46.13 of proposed acquisitions and restorations must
46.14 be provided as part of the required work plan.
46.15 Land acquired with this appropriation must
46.16 be sufficiently improved to meet at least
46.17 minimum management standards, as
46.18 determined by the commissioner of natural
46.19 resources. When feasible, consideration must
46.20 be given to accommodate trails on lands
46.21 acquired. This appropriation is available until
46.22 June 30, 2020, by which time the project must
46.23 be completed and final products delivered.

46.24 (c) **Minnesota State Parks and State Trails Land**
46.25 **Acquisition**

46.26 \$1,500,000 the first year is from the trust fund
46.27 to the commissioner of natural resources to
46.28 acquire approximately 373 acres from willing
46.29 sellers for authorized state trails and critical
46.30 parcels within the statutory boundaries of state
46.31 parks. State park land acquired with this
46.32 appropriation must be sufficiently improved
46.33 to meet at least minimum management
46.34 standards, as determined by the commissioner
46.35 of natural resources. A list of proposed
46.36 acquisitions must be provided as part of the
47.1 required work plan. This appropriation is
47.2 available until June 30, 2020, by which time

79.14 the project must be completed and final
79.15 products delivered.

79.16 (d) **Minnesota State Trails Acquisition,**
79.17 **Development, and Enhancement**

79.18 \$999,000 in fiscal year 2017 and \$39,000 the
79.19 first year are from the trust fund to the
79.20 commissioner of natural resources for state
79.21 trail acquisition, development, and
79.22 enhancement in southern Minnesota. A
79.23 proposed list of trail projects on authorized
79.24 state trails must be provided as part of the
79.25 required work plan. This appropriation is
79.26 available until June 30, 2020, by which time
79.27 the project must be completed and final
79.28 products delivered.

79.29 (e) **Native Prairie Stewardship and Prairie Bank**
79.30 **Easement Acquisition**

79.31 \$2,675,000 the first year is from the trust fund
79.32 to the commissioner of natural resources to
79.33 acquire native prairie bank easements in
79.34 accordance with Minnesota Statutes, section
79.35 84.96, on approximately ~~335~~ 250 acres,
79.36 prepare baseline property assessments, restore
80.1 and enhance ~~at least 570 acres of~~ native prairie
80.2 sites, and provide technical assistance to
80.3 landowners. Of this amount, up to \$132,000
80.4 may be deposited in a conservation easement
80.5 stewardship account. Deposits into the
80.6 conservation easement stewardship account
80.7 must be made upon closing on conservation
80.8 easements or at a time otherwise approved in
80.9 the work plan. A list of proposed easement
80.10 acquisitions must be provided as part of the
80.11 required work plan. This appropriation is
80.12 available until June 30, 2020, by which time
80.13 the project must be completed and final
80.14 products delivered.

80.15 (f) **Leech Lake Acquisition**

47.3 the project must be completed and final
47.4 products delivered.

47.5 (d) **Minnesota State Trails Acquisition,**
47.6 **Development, and Enhancement**

47.7 \$999,000 in fiscal year 2017 and \$39,000 the
47.8 first year are from the trust fund to the
47.9 commissioner of natural resources for state
47.10 trail acquisition, development, and
47.11 enhancement in southern Minnesota. A
47.12 proposed list of trail projects on authorized
47.13 state trails must be provided as part of the
47.14 required work plan. This appropriation is
47.15 available until June 30, 2020, by which time
47.16 the project must be completed and final
47.17 products delivered.

47.18 (e) **Native Prairie Stewardship and Prairie Bank**
47.19 **Easement Acquisition**

47.20 \$2,675,000 the first year is from the trust fund
47.21 to the commissioner of natural resources to
47.22 acquire native prairie bank easements in
47.23 accordance with Minnesota Statutes, section
47.24 84.96, on approximately ~~335~~ 250 acres,
47.25 prepare baseline property assessments, restore
47.26 and enhance ~~at least 570 acres of~~ native prairie
47.27 sites, and provide technical assistance to
47.28 landowners. Of this amount, up to \$132,000
47.29 may be deposited in a conservation easement
47.30 stewardship account. Deposits into the
47.31 conservation easement stewardship account
47.32 must be made upon closing on conservation
47.33 easements or at a time otherwise approved in
47.34 the work plan. A list of proposed easement
47.35 acquisitions must be provided as part of the
47.36 required work plan. This appropriation is
48.1 available until June 30, 2020, by which time
48.2 the project must be completed and final
48.3 products delivered.

48.4 (f) **Leech Lake Acquisition**

80.16 \$1,500,000 the first year is from the trust fund
80.17 to the commissioner of natural resources for
80.18 an agreement with the Leech Lake Band of
80.19 Ojibwe to acquire approximately 45 acres,
80.20 including 0.67 miles of shoreline of
80.21 high-quality aquatic and wildlife habitat at the
80.22 historic meeting place between Henry
80.23 Schoolcraft and the Anishinabe people. The
80.24 land must be open to public use including
80.25 hunting and fishing. The band must provide a
80.26 commitment that land will not be put in a
80.27 federal trust through the Bureau of Indian
80.28 Affairs.

80.29 (g) **Mesabi Trail Development**

80.30 \$2,269,000 the first year is from the trust fund
80.31 to the commissioner of natural resources for
80.32 an agreement with the St. Louis and Lake
80.33 Counties Regional Railroad Authority for
80.34 engineering and constructing segments of the
80.35 Mesabi Trail. This appropriation is available
81.1 until June 30, 2020, by which time the project
81.2 must be completed and final products
81.3 delivered.

81.4 (h) **Tower Trailhead Boat Landing and Habitat**
81.5 **Improvement - Phase II**

81.6 \$600,000 the first year is from the trust fund
81.7 to the commissioner of natural resources for
81.8 an agreement with the city of Tower to
81.9 construct a trailhead and boat landing and
81.10 restore vegetative habitat on city-owned
81.11 property. Plant and seed materials must follow
81.12 the Board of Water and Soil Resources' native
81.13 vegetation establishment and enhancement
81.14 guidelines. This appropriation is available until
81.15 June 30, 2020, by which time the project must
81.16 be completed and final products delivered.

81.17 (i) **Land Acquisition for Voyageurs National**
81.18 **Park Crane Lake Visitors Center**

48.5 \$1,500,000 the first year is from the trust fund
48.6 to the commissioner of natural resources for
48.7 an agreement with the Leech Lake Band of
48.8 Ojibwe to acquire approximately 45 acres,
48.9 including 0.67 miles of shoreline of
48.10 high-quality aquatic and wildlife habitat at the
48.11 historic meeting place between Henry
48.12 Schoolcraft and the Anishinabe people. The
48.13 land must be open to public use including
48.14 hunting and fishing. The band must provide a
48.15 commitment that land will not be put in a
48.16 federal trust through the Bureau of Indian
48.17 Affairs.

48.18 (g) **Mesabi Trail Development**

48.19 \$2,269,000 the first year is from the trust fund
48.20 to the commissioner of natural resources for
48.21 an agreement with the St. Louis and Lake
48.22 Counties Regional Railroad Authority for
48.23 engineering and constructing segments of the
48.24 Mesabi Trail. This appropriation is available
48.25 until June 30, 2020, by which time the project
48.26 must be completed and final products
48.27 delivered.

48.28 (h) **Tower Trailhead Boat Landing and Habitat**
48.29 **Improvement - Phase II**

48.30 \$600,000 the first year is from the trust fund
48.31 to the commissioner of natural resources for
48.32 an agreement with the city of Tower to
48.33 construct a trailhead and boat landing and
48.34 restore vegetative habitat on city-owned
48.35 property. Plant and seed materials must follow
49.1 the Board of Water and Soil Resources' native
49.2 vegetation establishment and enhancement
49.3 guidelines. This appropriation is available until
49.4 June 30, 2020, by which time the project must
49.5 be completed and final products delivered.

49.6 (i) **Land Acquisition for Voyageurs National**
49.7 **Park Crane Lake Visitors Center**

81.19 \$950,000 the first year is from the trust fund
81.20 to the commissioner of natural resources for
81.21 an agreement with the town of Crane Lake, in
81.22 partnership with Voyageurs National Park and
81.23 the Department of Natural Resources, to
81.24 acquire approximately 30 acres to be used for
81.25 a visitor center and campground. Income
81.26 generated by the campground may be used to
81.27 support the facility.

81.28 Sec. 5. **TRANSFER OF FUNDS; EXTENSION OF AVAILABILITY OF**
81.29 **APPROPRIATIONS.**

81.30 Subdivision 1. **Transfer of unencumbered funds.** On June 30, 2019, up to \$300,000
81.31 of any unencumbered money from the following appropriations may be transferred to the
81.32 appropriation for the grants management system under Laws 2016, chapter 186, section 2,
81.33 subdivision 10, paragraph (b):

81.34 (1) Laws 2014, chapter 226, section 2, subdivision 10, paragraph (c);
82.1 (2) Laws 2015, chapter 76, section 2, subdivision 9, paragraph (c);
82.2 (3) Laws 2015, chapter 76, section 2, subdivision 9, paragraph (d);
82.3 (4) Laws 2015, chapter 76, section 2, subdivision 9, paragraph (f);
82.4 (5) Laws 2016, chapter 186, section 2, subdivision 9, paragraph (a);
82.5 (6) Laws 2016, chapter 186, section 2, subdivision 9, paragraph (c); and
82.6 (7) Laws 2017, chapter 96, section 2, subdivision 10, paragraph (b).

82.7 Subd. 2. **Extension of availability of appropriations.** The availability of the
82.8 appropriations for the grants management system under Laws 2016, chapter 186, section
82.9 2, subdivision 10, paragraph (b), and the funds transferred to that project under subdivision
82.10 1 are extended to June 30, 2022.

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

49.8 \$950,000 the first year is from the trust fund
49.9 to the commissioner of natural resources for
49.10 an agreement with the town of Crane Lake, in
49.11 partnership with Voyageurs National Park and
49.12 the Department of Natural Resources, to
49.13 acquire approximately 30 acres to be used for
49.14 a visitor center and campground. Income
49.15 generated by the campground may be used to
49.16 support the facility.

49.17 Sec. 6. **TRANSFER.**

49.18 On June 30, 2019, any unencumbered money from Laws 2017, chapter 96, section 2,
49.19 subdivision 10, paragraph (b), is transferred to the grants management system under Laws
49.20 2016, chapter 186, section 2, subdivision 10, paragraph (b).

49.21 Sec. 7. **EFFECTIVE DATE.**

49.22 Sections 1 to 6 are effective the day following final enactment.