

168.16 **ARTICLE 3**

168.17 **2021 ENVIRONMENT AND NATURAL RESOURCES TRUST FUND**

168.18 **APPROPRIATIONS**

168.19 Section 1. **APPROPRIATIONS.**

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

168.21 and for the purposes specified in this article. The appropriations are from the environment

168.22 and natural resources trust fund, or another named fund, and are available for the fiscal

168.23 years indicated for each purpose. The figures "2020" and "2021" used in this article mean

168.24 that the appropriations listed under them are available for the fiscal year ending June 30,

168.25 2020, or June 30, 2021, respectively. "The first year" is fiscal year 2020. "The second year"

168.26 is fiscal year 2021. "The biennium" is fiscal years 2020 and 2021.

168.27		APPROPRIATIONS	
168.28		Available for the Year	
168.29		Ending June 30	
168.30		2020	2021

168.31 Sec. 2. **MINNESOTA RESOURCES**

168.32 **Subdivision 1. Total**

168.33	Appropriation	\$	-0-	\$	61,387,000
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169.1 The amounts that may be spent for each

169.2 purpose are specified in the following

169.3 subdivisions. Appropriations in the second

169.4 year are available for four years beginning

169.5 July 1, 2020, unless otherwise stated in the

169.6 appropriation. Any unencumbered balance

169.7 remaining in the first year does not cancel and

169.8 is available for the second year or until the

169.9 end of the appropriation.

169.10 **Subd. 2. Definition**

169.11 "Trust fund" means the Minnesota

169.12 environment and natural resources trust fund

169.13 established under the Minnesota Constitution,

169.14 article XI, section 14.

49.13 **ARTICLE 2**

49.14 **ENVIRONMENT AND NATURAL RESOURCES TRUST FUND FISCAL YEAR**

49.15 **2021**

49.16 Section 1. **APPROPRIATIONS.**

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

49.18 and for the purposes specified in this article. The appropriations are from the environment

49.19 and natural resources trust fund, or another named fund, and are available for the fiscal

49.20 years indicated for each purpose. The figures "2020" and "2021" used in this article mean

49.21 that the appropriations listed under them are available for the fiscal year ending June 30,

49.22 2020, or June 30, 2021, respectively. "The first year" is fiscal year 2020. "The second year"

49.23 is fiscal year 2021. "The biennium" is fiscal years 2020 and 2021.

49.24		APPROPRIATIONS	
49.25		Available for the Year	
49.26		Ending June 30	
49.27		2020	2021

49.28 Sec. 2. **MINNESOTA RESOURCES**

49.29 **Subdivision 1. Total**

49.30	Appropriation	\$	-0-	\$	61,387,000
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49.31 The amounts that may be spent for each

49.32 purpose are specified in the following

49.33 subdivisions. Appropriations in the second

49.34 year are available for four years beginning

50.1 July 1, 2020, unless otherwise stated in the

50.2 appropriation. Any unencumbered balance

50.3 remaining in the first year does not cancel and

50.4 is available for the second year or until the

50.5 end of the appropriation.

50.6 **Subd. 2. Definition**

50.7 "Trust fund" means the Minnesota

50.8 environment and natural resources trust fund

50.9 established under the Minnesota Constitution,

50.10 article XI, section 14.

169.15 Subd. 3. **Foundational**
 169.16 **Natural Resource Data and**
 169.17 **Information** -0- 7,245,000

169.18 (a) **Geologic Atlases for Water Resource**
 169.19 **Management**

169.20 \$2,000,000 the second year is from the trust
 169.21 fund to the Board of Regents of the University
 169.22 of Minnesota, Minnesota Geological Survey,
 169.23 to continue producing county geologic atlases
 169.24 to inform management of surface water and
 169.25 groundwater resources. This appropriation is
 169.26 to complete Part A, which focuses on the
 169.27 properties and distribution of earth materials
 169.28 to define aquifer boundaries and the
 169.29 connection of aquifers to the land surface and
 169.30 surface water resources.

169.31 (b) **Expanding Minnesota Ecological Monitoring**
 169.32 **Network**

169.33 \$800,000 the second year is from the trust
 169.34 fund to the commissioner of natural resources
 169.35 to improve conservation and management of
 169.36 Minnesota's native forests, wetlands, and
 170.1 grasslands by expanding the partially
 170.2 established long-term Ecological Monitoring
 170.3 Network that will provide critical knowledge
 170.4 of how ecosystem dynamics and conditions
 170.5 change through time.

170.6 (c) **County Groundwater Atlas**

170.7 \$1,125,000 the second year is from the trust
 170.8 fund to the commissioner of natural resources
 170.9 to continue producing county geologic atlases
 170.10 to inform management of surface water and
 170.11 groundwater resources for drinking water and
 170.12 other purposes. This appropriation is for Part
 170.13 B, to characterize the potential water yields of

50.11 Subd. 3. **Foundational**
 50.12 **Natural Resource Data and**
 50.13 **Information** -0- 8,593,000

50.14 (a) **Geologic Atlases for Water Resource**
 50.15 **Management**

50.16 \$2,000,000 the second year is from the trust
 50.17 fund to the Board of Regents of the University
 50.18 of Minnesota, Minnesota Geological Survey,
 50.19 to continue producing county geologic atlases
 50.20 to inform management of surface water and
 50.21 groundwater resources. This appropriation is
 50.22 to complete Part A, which focuses on the
 50.23 properties and distribution of earth materials
 50.24 to define aquifer boundaries and the
 50.25 connection of aquifers to the land surface and
 50.26 surface water resources.

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 50.28 **Network**

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 50.34 established long-term Ecological Monitoring
 50.35 Network that will provide critical knowledge
 51.1 of how ecosystem dynamics and conditions
 51.2 change through time.

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51.4 \$1,125,000 the second year is from the trust
 51.5 fund to the commissioner of natural resources
 51.6 to continue producing county geologic atlases
 51.7 to inform management of surface water and
 51.8 groundwater resources for drinking water and
 51.9 other purposes. This appropriation is for Part
 51.10 B, to characterize the potential water yields of

- 170.14 aquifers and the aquifers' sensitivity to
- 170.15 contamination.

- 170.16 **(d) Foundational Hydrology Data for Wetland**
- 170.17 **Protection and Restoration**

- 170.18 \$400,000 the second year is from the trust
- 170.19 fund to the commissioner of natural resources
- 170.20 to improve wetland protection, management,
- 170.21 and restoration in Minnesota by completing
- 170.22 the partially established long-term Wetland
- 170.23 Hydrology Monitoring Network that will
- 170.24 provide critical knowledge of wetland
- 170.25 hydrology dynamics. This appropriation is
- 170.26 available until June 30, 2025, by which time
- 170.27 the project must be completed and final
- 170.28 products delivered.

- 170.29 **(e) Voyageurs Wolf Project - Phase II**

- 170.30 \$575,000 the second year is from the trust
- 170.31 fund to the Board of Regents of the University
- 170.32 of Minnesota to study summertime wolf
- 170.33 predation on deer, moose, and other species
- 170.34 in the Voyageurs region to inform
- 170.35 management of wildlife. This appropriation
- 171.1 is available until June 30, 2025, by which time
- 171.2 the project must be completed and final
- 171.3 products delivered.

- 171.4 **(f) Expanding Restoration and Promoting**
- 171.5 **Awareness of Native Mussels**

- 171.6 \$489,000 the second year is from the trust
- 171.7 fund to the Minnesota Zoological Garden to
- 171.8 promote mussel conservation by rearing
- 171.9 juvenile mussels for reintroduction,
- 171.10 researching methods to improve growth and
- 171.11 survival in captivity, and encouraging public
- 171.12 action to benefit water quality. This
- 171.13 appropriation is available until June 30, 2025,
- 171.14 by which time the project must be completed
- 171.15 and final products delivered.

- 51.11 aquifers and the aquifers' sensitivity to
- 51.12 contamination.

- 51.13 **(d) Foundational Hydrology Data for Wetland**
- 51.14 **Protection and Restoration**

- 51.15 \$400,000 the second year is from the trust
- 51.16 fund to the commissioner of natural resources
- 51.17 to improve wetland protection, management,
- 51.18 and restoration in Minnesota by completing
- 51.19 the partially established long-term Wetland
- 51.20 Hydrology Monitoring Network that will
- 51.21 provide critical knowledge of wetland
- 51.22 hydrology dynamics. This appropriation is
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- 51.24 the project must be completed and final
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- 51.32 management of wildlife. This appropriation
- 51.33 is available until June 30, 2025, by which time
- 51.34 the project must be completed and final
- 51.35 products delivered.

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- 52.2 **Awareness of Native Mussels**

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- 52.4 fund to the Minnesota Zoological Garden to
- 52.5 promote mussel conservation by rearing
- 52.6 juvenile mussels for reintroduction,
- 52.7 researching methods to improve growth and
- 52.8 survival in captivity, and encouraging public
- 52.9 action to benefit water quality. This
- 52.10 appropriation is available until June 30, 2025,
- 52.11 by which time the project must be completed
- 52.12 and final products delivered.

- 171.16 **(g) Bobcat and Fisher Habitat Use and**
- 171.17 **Interactions**
- 171.18 \$400,000 the second year is from the trust
- 171.19 fund to the Board of Regents of the University
- 171.20 of Minnesota for the Natural Resources
- 171.21 Research Institute in Duluth to identify
- 171.22 potential solutions to reverse the fisher
- 171.23 population decline through better
- 171.24 understanding of habitat, diet, and activity
- 171.25 patterns of bobcats and fishers.
- 171.26 **(h) Healthy Prairies III: Restoring Minnesota**
- 171.27 **Prairie Plant Diversity**
- 171.28 \$500,000 the second year is from the trust
- 171.29 fund to the Board of Regents of the University
- 171.30 of Minnesota to improve Minnesota prairie
- 171.31 resiliency by increasing locally sourced seed
- 171.32 availability and diversity, evaluating use of
- 171.33 beneficial microbes in prairie restorations, and
- 171.34 assessing adaptation and adaptive capacity of
- 171.35 prairie plant populations.
- 172.1 **(i) Freshwater Sponges and AIS: Engaging**
- 172.2 **Citizen Scientists**
- 172.3 \$400,000 the second year is from the trust
- 172.4 fund to the Board of Regents of the University
- 172.5 of Minnesota, Crookston, to use citizen
- 172.6 scientists to study the geographic distribution,
- 172.7 taxonomic diversity, and antifouling potential
- 172.8 of freshwater sponges against aquatic invasive
- 172.9 species.
- 172.10 **(j) Do Beavers Buffer Against Droughts and**
- 172.11 **Floods?**
- 172.12 \$168,000 the second year is from the trust
- 172.13 fund to the commissioner of natural resources
- 172.14 for an agreement with Voyageurs National
- 172.15 Park to analyze existing data sets to determine
- 172.16 the role of beaver populations and beaver

- 52.33 **(i) Bobcat and Fisher Habitat Use and**
- 52.34 **Interactions**
- 53.1 \$400,000 the second year is from the trust
- 53.2 fund to the Board of Regents of the University
- 53.3 of Minnesota for the Natural Resources
- 53.4 Research Institute in Duluth to identify
- 53.5 potential solutions to reverse the fisher
- 53.6 population decline through better
- 53.7 understanding of habitat, diet, and activity
- 53.8 patterns of bobcats and fishers.
- 53.9 **(j) Healthy Prairies III: Restoring Minnesota**
- 53.10 **Prairie Plant Diversity**
- 53.11 \$500,000 the second year is from the trust
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- 53.13 of Minnesota to improve Minnesota prairie
- 53.14 resiliency by increasing locally sourced seed
- 53.15 availability and diversity, evaluating use of
- 53.16 beneficial microbes in prairie restorations, and
- 53.17 assessing adaptation and adaptive capacity of
- 53.18 prairie plant populations.
- 53.19 **(k) Freshwater Sponges and AIS: Engaging**
- 53.20 **Citizen Scientists**
- 53.21 \$400,000 the second year is from the trust
- 53.22 fund to the Board of Regents of the University
- 53.23 of Minnesota, Crookston, to use citizen
- 53.24 scientists to study the geographic distribution,
- 53.25 taxonomic diversity, and antifouling potential
- 53.26 of freshwater sponges against aquatic invasive
- 53.27 species.
- 53.28 **(l) Do Beavers Buffer Against Droughts and**
- 53.29 **Floods?**
- 53.30 \$168,000 the second year is from the trust
- 53.31 fund to the commissioner of natural resources
- 53.32 for an agreement with Voyageurs National
- 53.33 Park to analyze existing data sets to determine
- 53.34 the role of beaver populations and beaver

172.17 ponds in buffering the region against droughts
 172.18 and floods.

172.19 **(k) Enhancing Bat Recovery by Optimizing**
 172.20 **Artificial Roost Structures**

172.21 \$190,000 the second year is from the trust
 172.22 fund to the commissioner of natural resources
 172.23 to improve the survival of bats by identifying
 172.24 characteristics of successful artificial bat roost
 172.25 structures and optimizing the structures for
 172.26 bat use and reproduction. This appropriation
 172.27 is available until June 30, 2025, by which time
 172.28 the project must be completed and final
 172.29 products delivered.

172.30 **(l) Conserving Black Terns and Forster's Terns**
 172.31 **in Minnesota**

172.32 \$198,000 the second year is from the trust
 172.33 fund to the Board of Regents of the University
 172.34 of Minnesota for the Natural Resources
 172.35 Research Institute in Duluth to assess the
 173.1 distribution and breeding status of black tern
 173.2 and Forster's tern and to make conservation
 173.3 and restoration recommendations to improve
 173.4 the suitability of habitat for these two bird
 173.5 species in Minnesota.

54.1 ponds in buffering the region against droughts
 54.2 and floods.

54.3 **(m) Enhancing Bat Recovery by Optimizing**
 54.4 **Artificial Roost Structures**

54.5 \$190,000 the second year is from the trust
 54.6 fund to the commissioner of natural resources
 54.7 to improve the survival of bats by identifying
 54.8 characteristics of successful artificial bat roost
 54.9 structures and optimizing the structures for
 54.10 bat use and reproduction. This appropriation
 54.11 is available until June 30, 2025, by which time
 54.12 the project must be completed and final
 54.13 products delivered.

54.25 **(o) Conserving Black Terns and Forster's Terns**
 54.26 **in Minnesota**

54.27 \$198,000 the second year is from the trust
 54.28 fund to the Board of Regents of the University
 54.29 of Minnesota for the Natural Resources
 54.30 Research Institute in Duluth to assess the
 54.31 distribution and breeding status of black tern
 54.32 and Forster's tern and to make conservation
 54.33 and restoration recommendations to improve
 54.34 the suitability of habitat for these two bird
 54.35 species in Minnesota.

52.13 **(g) Improving Pollinator Conservation by**
 52.14 **Revealing Habitat Needs**

52.15 \$500,000 the second year is from the trust
 52.16 fund to the Board of Regents of the University
 52.17 of Minnesota to use citizen scientists and novel
 52.18 analyses to determine the nesting and
 52.19 overwintering needs of wild bees to allow
 52.20 more specific protection and enhancement of
 52.21 pollinator habitat across the state.

52.22 **(h) Bee Minnesota - Protect Our Native**
 52.23 **Bumblebees**

173.6 Subd. 4. Water Resources -0- 2,662,000

173.7 (a) Managing Highly Saline Waste from
173.8 Municipal Water Treatment

173.9 \$250,000 the second year is from the trust
173.10 fund to the Board of Regents of the University
173.11 of Minnesota to develop a cost- and
173.12 energy-efficient method of managing the
173.13 concentrated saline waste from a municipal
173.14 water treatment plant to increase the feasibility
173.15 of using reverse osmosis for centralized water
173.16 softening and sulfate removal. This
173.17 appropriation is subject to Minnesota Statutes,
173.18 section 116P.10.

173.19 (b) Technology for Energy-Generating On-site
173.20 Industrial Wastewater Treatment

52.24 \$650,000 the second year is from the trust
52.25 fund to the Board of Regents of the University
52.26 of Minnesota to protect native bee health by
52.27 investigating the potential to mitigate against
52.28 pathogens that may be transmissible between
52.29 honey and wild bees and by promoting best
52.30 practices to beekeepers and the public. This
52.31 appropriation is subject to Minnesota Statutes,
52.32 section 116P.10.

54.14 (n) Tools for Supporting Healthy Ecosystems
54.15 and Pollinators

54.16 \$198,000 the second year is from the trust
54.17 fund to the commissioner of natural resources
54.18 to create a pollination companion guide to the
54.19 Department of Natural Resources' *Field*
54.20 *Guides to the Native Plant Communities of*
54.21 *Minnesota* for conservation practitioners to
54.22 better integrate plant-pollinator interactions
54.23 into natural resource planning and decision
54.24 making.

55.1 Subd. 4. Water Resources -0- 3,457,000

55.2 (a) Managing Highly Saline Waste from
55.3 Municipal Water Treatment

55.4 \$250,000 the second year is from the trust
55.5 fund to the Board of Regents of the University
55.6 of Minnesota to develop a cost- and
55.7 energy-efficient method of managing the
55.8 concentrated saline waste from a municipal
55.9 water treatment plant to increase the feasibility
55.10 of using reverse osmosis for centralized water
55.11 softening and sulfate removal. This
55.12 appropriation is subject to Minnesota Statutes,
55.13 section 116P.10.

55.14 (b) Technology for Energy-Generating On-site
55.15 Industrial Wastewater Treatment

173.21 \$450,000 the second year is from the trust
 173.22 fund to the Board of Regents of the University
 173.23 of Minnesota to improve water quality and
 173.24 generate cost savings by developing off the
 173.25 shelf technology that treats industrial
 173.26 wastewater on-site and turns pollutants into
 173.27 hydrogen and methane for energy. This
 173.28 appropriation is subject to Minnesota Statutes,
 173.29 section 116P.10.

173.30 **(c) Developing Strategies to Manage PFAS in**
 173.31 **Land-Applied Biosolids**

173.32 \$1,034,000 the second year is from the trust
 173.33 fund to the commissioner of the Pollution
 173.34 Control Agency to help municipal wastewater
 173.35 plants, landfills, and compost facilities protect
 174.1 human health and the environment by
 174.2 developing strategies to manage per- and
 174.3 polyfluoroalkyl substances (PFAS) in
 174.4 land-applied biosolids.

174.5 **(d) Quantifying New Urban Precipitation and**
 174.6 **Water Reality**

174.7 \$500,000 the second year is from the trust
 174.8 fund to the Board of Regents of the University
 174.9 of Minnesota to better guide storm water
 174.10 management by evaluating the groundwater
 174.11 and surface water interactions contributing to
 174.12 high water tables and damage to home
 174.13 basements and underground infrastructure in
 174.14 urban areas.

174.15 **(e) Innovative Solution for Protecting Minnesota**
 174.16 **from PFAS Contamination**

174.17 \$250,000 the second year is from the trust
 174.18 fund to the commissioner of natural resources
 174.19 for an agreement with Dem-Con Companies
 174.20 to demonstrate a new technology for
 174.21 protecting the state's drinking water and
 174.22 natural resources by eliminating per- and
 174.23 polyfluoroalkyl substances (PFAS) from point

55.16 \$450,000 the second year is from the trust
 55.17 fund to the Board of Regents of the University
 55.18 of Minnesota to improve water quality and
 55.19 generate cost savings by developing off the
 55.20 shelf technology that treats industrial
 55.21 wastewater on-site and turns pollutants into
 55.22 hydrogen and methane for energy. This
 55.23 appropriation is subject to Minnesota Statutes,
 55.24 section 116P.10.

55.32 **(d) Developing Strategies to Manage PFAS in**
 55.33 **Land-Applied Biosolids**

55.34 \$1,404,000 the second year is from the trust
 55.35 fund to the commissioner of the Pollution
 56.1 Control Agency to help municipal wastewater
 56.2 plants, landfills, and compost facilities protect
 56.3 human health and the environment by
 56.4 developing strategies to manage per- and
 56.5 polyfluoroalkyl substances (PFAS) in
 56.6 land-applied biosolids.

56.7 **(e) Quantifying New Urban Precipitation and**
 56.8 **Water Reality**

56.9 \$500,000 the second year is from the trust
 56.10 fund to the Board of Regents of the University
 56.11 of Minnesota to better guide storm water
 56.12 management by evaluating the groundwater
 56.13 and surface water interactions contributing to
 56.14 high water tables and damage to home
 56.15 basements and underground infrastructure in
 56.16 urban areas.

56.17 **(f) Innovative Solution for Protecting Minnesota**
 56.18 **from PFAS Contamination**

56.19 \$250,000 the second year is from the trust
 56.20 fund to the commissioner of natural resources
 56.21 for an agreement with Dem-Con Companies
 56.22 to demonstrate a new technology for
 56.23 protecting the state's drinking water and
 56.24 natural resources by eliminating per- and
 56.25 polyfluoroalkyl substances (PFAS) from point

174.24 source discharges. This appropriation is
174.25 subject to Minnesota Statutes, section 116P.10,
174.26 related to royalties, copyrights, patents, and
174.27 sale of products and assets.

174.28 **(f) Expanding Protection of Minnesota Water**
174.29 **through Industrial Conservation**

174.30 \$178,000 the second year is from the trust
174.31 fund to the Board of Regents of the University
174.32 of Minnesota for the Minnesota technical
174.33 assistance program in partnership with the
174.34 Minnesota Rural Water Association to provide
174.35 technical assistance to businesses to decrease
175.1 industrial and commercial water use in
175.2 communities at risk for inadequate
175.3 groundwater supply or quality.

175.4 **Subd. 5. Technical**
175.5 **Assistance, Outreach, and**
175.6 **Environmental Education**

-0- 2,121,000

175.7 **(a) Statewide Environmental Education via**
175.8 **Public Television Outdoor Series**

175.9 \$300,000 the second year is from the trust
175.10 fund to the commissioner of natural resources
175.11 for an agreement with Pioneer Public
175.12 Television to produce approximately 25 new
175.13 episodes of a statewide outdoor public
175.14 television series designed to inspire
175.15 Minnesotans to connect with the outdoors and
175.16 restore and protect the environment.

56.26 source discharges. This appropriation is
56.27 subject to Minnesota Statutes, section 116P.10,
56.28 related to royalties, copyrights, patents, and
56.29 sale of products and assets.

56.30 **(g) Expanding Protection of Minnesota Water**
56.31 **through Industrial Conservation**

56.32 \$178,000 the second year is from the trust
56.33 fund to the Board of Regents of the University
56.34 of Minnesota for the Minnesota technical
56.35 assistance program in partnership with the
57.1 Minnesota Rural Water Association to provide
57.2 technical assistance to businesses to decrease
57.3 industrial and commercial water use in
57.4 communities at risk for inadequate
57.5 groundwater supply or quality.

55.25 **(c) Microplastics: Transporters of Contaminants**
55.26 **in Minnesota Waters**

55.27 \$425,000 the second year is from the trust
55.28 fund to the Board of Regents of the University
55.29 of Minnesota to study how several types of
55.30 common microplastics transport contaminants
55.31 of concern in Minnesota waters.

57.6 **Subd. 5. Technical**
57.7 **Assistance, Outreach, and**
57.8 **Environmental Education**

-0- 2,989,000

57.9 **(a) Statewide Environmental Education via**
57.10 **Public Television Outdoor Series**

57.11 \$300,000 the second year is from the trust
57.12 fund to the commissioner of natural resources
57.13 for an agreement with Pioneer Public
57.14 Television to produce approximately 25 new
57.15 episodes of a statewide outdoor public
57.16 television series designed to inspire
57.17 Minnesotans to connect with the outdoors and
57.18 restore and protect the environment.

175.17 **(b) Mentoring Next Generation of Conservation**
 175.18 **Professionals**

175.19 \$500,000 the second year is from the trust
 175.20 fund to the commissioner of natural resources
 175.21 for an agreement with Minnesota Valley
 175.22 National Wildlife Refuge Trust, Inc., to
 175.23 provide paid internships and apprenticeships
 175.24 for diverse young people to learn about careers
 175.25 in the conservation field from United States
 175.26 Fish and Wildlife Service professionals while
 175.27 working at the Minnesota Valley National
 175.28 Wildlife Refuge and Wetland Management
 175.29 District.

175.30 **(c) Jay C. Hormel Nature Center Supplemental**
 175.31 **Teaching Staff**

175.32 \$225,000 the second year is from the trust
 175.33 fund to the commissioner of natural resources
 175.34 for an agreement with the city of Austin to
 175.35 expand the Jay C. Hormel Nature Center
 175.36 environmental education program beyond the
 176.1 city of Austin to students in southeastern
 176.2 Minnesota for three years.

176.3 **(d) 375 Underserved Youth Learn Minnesota**
 176.4 **Ecosystems by Canoe**

176.5 \$375,000 the second year is from the trust
 176.6 fund to the commissioner of natural resources
 176.7 for an agreement with the YMCA of the
 176.8 Greater Twin Cities to connect approximately
 176.9 375 underserved and diverse teens from urban
 176.10 areas and first-ring suburbs to environmental
 176.11 sciences in the natural world through canoeing
 176.12 and learning expeditions with experienced
 176.13 outdoor education counselors. This
 176.14 appropriation is available until June 30, 2025,
 176.15 by which time the project must be completed
 176.16 and final products delivered.

58.4 **(d) Mentoring Next Generation of Conservation**
 58.5 **Professionals**

58.6 \$500,000 the second year is from the trust
 58.7 fund to the commissioner of natural resources
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 58.13 Fish and Wildlife Service professionals while
 58.14 working at the Minnesota Valley National
 58.15 Wildlife Refuge and Wetland Management
 58.16 District.

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 58.18 **Teaching Staff**

58.19 \$225,000 the second year is from the trust
 58.20 fund to the commissioner of natural resources
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 58.22 expand the Jay C. Hormel Nature Center
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 58.25 Minnesota for three years.

58.26 **(f) 375 Underserved Youth Learn Minnesota**
 58.27 **Ecosystems by Canoe**

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 58.29 fund to the commissioner of natural resources
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 58.31 Greater Twin Cities to connect approximately
 58.32 375 underserved and diverse teens from urban
 58.33 areas and first-ring suburbs to environmental
 58.34 sciences in the natural world through canoeing
 58.35 and learning expeditions with experienced
 59.1 outdoor education counselors. This
 59.2 appropriation is available until June 30, 2025,
 59.3 by which time the project must be completed
 59.4 and final products delivered.

- 176.17 **(e) YES! Students Take on Water Quality**
- 176.18 **Challenge - Phase II**
- 176.19 \$199,000 the second year is from the trust
- 176.20 fund to the commissioner of natural resources
- 176.21 for an agreement with Prairie Woods
- 176.22 Environmental Learning Center to mobilize
- 176.23 local watershed stewardship efforts in
- 176.24 approximately 20 communities through
- 176.25 student-driven action projects.
- 176.26 **(f) Engaging Minnesotans with Phenology:**
- 176.27 **Radio, Podcasts, Citizen Science**
- 176.28 \$198,000 the second year is from the trust
- 176.29 fund to the commissioner of natural resources
- 176.30 for an agreement with Northern Community
- 176.31 Radio, Inc., in partnership with the Board of
- 176.32 Regents of the University of Minnesota to
- 176.33 build the next generation of conservationists
- 176.34 using phenology, radio broadcasts, podcasts,
- 176.35 and an online, interactive map interface to
- 177.1 inspire teachers, students, and the public to
- 177.2 get outside and experience nature.
- 177.3 **(g) Driving Conservation Behavior for Native**
- 177.4 **Mussels and Water Quality**
- 177.5 \$191,000 the second year is from the trust
- 177.6 fund to the Minnesota Zoological Garden to
- 177.7 develop research-supported strategies to
- 177.8 engage the public in specific conservation
- 177.9 behaviors to improve water quality and native
- 177.10 mussel health across the state.
- 177.11 **(h) Workshops and Outreach to Protect Raptors**
- 177.12 **from Lead Poisoning**
- 177.13 \$133,000 the second year is from the trust
- 177.14 fund to the Board of Regents of the University
- 177.15 of Minnesota, Raptor Center, in cooperation
- 177.16 with the Department of Natural Resources and
- 177.17 other conservation partners, to provide hunters

- 59.5 **(g) YES! Students Take on Water Quality**
- 59.6 **Challenge - Phase II**
- 59.7 \$199,000 the second year is from the trust
- 59.8 fund to the commissioner of natural resources
- 59.9 for an agreement with Prairie Woods
- 59.10 Environmental Learning Center to mobilize
- 59.11 local watershed stewardship efforts in
- 59.12 approximately 20 communities through
- 59.13 student-driven action projects.
- 59.14 **(h) Engaging Minnesotans with Phenology:**
- 59.15 **Radio, Podcasts, Citizen Science**
- 59.16 \$198,000 the second year is from the trust
- 59.17 fund to the commissioner of natural resources
- 59.18 for an agreement with Northern Community
- 59.19 Radio, Inc., in partnership with the Board of
- 59.20 Regents of the University of Minnesota to
- 59.21 build the next generation of conservationists
- 59.22 using phenology, radio broadcasts, podcasts,
- 59.23 and an online, interactive map interface to
- 59.24 inspire teachers, students, and the public to
- 59.25 get outside and experience nature.
- 59.26 **(i) Driving Conservation Behavior for Native**
- 59.27 **Mussels and Water Quality**
- 59.28 \$191,000 the second year is from the trust
- 59.29 fund to the Minnesota Zoological Garden to
- 59.30 develop research-supported strategies to
- 59.31 engage the public in specific conservation
- 59.32 behaviors to improve water quality and native
- 59.33 mussel health across the state.
- 59.34 **(j) Workshops and Outreach to Protect Raptors**
- 59.35 **from Lead Poisoning**
- 60.1 \$133,000 the second year is from the trust
- 60.2 fund to the Board of Regents of the University
- 60.3 of Minnesota, Raptor Center, in cooperation
- 60.4 with the Department of Natural Resources and
- 60.5 other conservation partners, to provide hunters

177.18 with outreach and workshops on alternatives
 177.19 to lead hunting ammunition, including copper
 177.20 ammunition as an alternative, and to promote
 177.21 voluntary selection of nontoxic ammunition
 177.22 to protect raptors and other wildlife in
 177.23 Minnesota from accidental lead poisoning
 177.24 caused by ingestion of ammunition fragments.

60.6 with outreach and workshops on alternatives
 60.7 to lead hunting ammunition, including copper
 60.8 ammunition as an alternative, and to promote
 60.9 voluntary selection of nontoxic ammunition
 60.10 to protect raptors and other wildlife in
 60.11 Minnesota from accidental lead poisoning
 60.12 caused by ingestion of ammunition fragments.

57.19 **(b) Minnesota Freshwater Quest: Environmental**
 57.20 **Education on State Waterways**

57.21 \$500,000 the second year is from the trust
 57.22 fund to the commissioner of natural resources
 57.23 for an agreement with Wilderness Inquiry for
 57.24 approximately 10,000 underserved Minnesota
 57.25 youth to explore and improve local waterways
 57.26 using the place-based and hands-on
 57.27 "Minnesota Freshwater Quest" environmental
 57.28 education program.

57.29 **(c) Teach Science: Schools as STEM Living**
 57.30 **Laboratories**

57.31 \$368,000 the second year is from the trust
 57.32 fund to the commissioner of natural resources
 57.33 for an agreement with Climate Generation: A
 57.34 Will Steger Legacy to prepare students for the
 57.35 challenges and careers of the future by
 57.36 connecting new science standards, renewable
 58.1 energy, and STEM opportunities in teacher
 58.2 trainings, classroom demonstrations, and
 58.3 program support across the state.

177.25 **Subd. 6. Aquatic and**
 177.26 **Terrestrial Invasive Species** -0- 10,425,000

60.13 **Subd. 6. Aquatic and**
 60.14 **Terrestrial Invasive Species** -0- 10,425,000

177.27 **(a) Minnesota Invasive Terrestrial Plants and**
 177.28 **Pests Center (MITPPC) - Phase V**

60.15 **(a) Minnesota Invasive Terrestrial Plants and**
 60.16 **Pests Center (MITPPC) - Phase V**

177.29 \$5,000,000 the second year is from the trust
 177.30 fund to the Board of Regents of the University
 177.31 of Minnesota to support the Minnesota
 177.32 Invasive Terrestrial Plants and Pests Center

60.17 \$5,000,000 the second year is from the trust
 60.18 fund to the Board of Regents of the University
 60.19 of Minnesota to support the Minnesota
 60.20 Invasive Terrestrial Plants and Pests Center

177.33 to fund approximately 15 new, high-priority
 177.34 research projects that will lead to better
 177.35 management of invasive plants, pathogens,
 178.1 and pests on Minnesota's natural and
 178.2 agricultural lands. This appropriation is subject
 178.3 to Minnesota Statutes, section 116P.10. This
 178.4 appropriation is available until June 30, 2026,
 178.5 by which time the project must be completed
 178.6 and final products delivered.

178.7 **(b) Protect Community Forests by Managing**
 178.8 **Ash for Emerald Ash Borer**

178.9 \$3,500,000 the second year is from the trust
 178.10 fund to the commissioner of natural resources
 178.11 to reduce emerald ash borer by providing
 178.12 surveys, assessments, trainings, assistance,
 178.13 and grants for communities to manage emerald
 178.14 ash borer, plant a diversity of trees, and engage
 178.15 citizens in community forestry activities. This
 178.16 appropriation is available until June 30, 2025,
 178.17 by which time the project must be completed
 178.18 and final products delivered.

178.19 **(c) Biological Control of White-Nose Syndrome**
 178.20 **in Bats - Phase III**

178.21 \$440,000 the second year is from the trust
 178.22 fund to the Board of Regents of the University
 178.23 of Minnesota to continue assessing and
 178.24 developing a biocontrol agent for white-nose
 178.25 syndrome in bats.

178.26 **(d) Applying New Tools and Techniques Against**
 178.27 **Invasive Carp**

178.28 \$478,000 the second year is from the trust
 178.29 fund to the commissioner of natural resources
 178.30 to apply new monitoring, outreach, and
 178.31 removal techniques and to continue work with
 178.32 commercial anglers to protect Minnesota
 178.33 waters from invasive carp.

60.21 to fund approximately 15 new, high-priority
 60.22 research projects that will lead to better
 60.23 management of invasive plants, pathogens,
 60.24 and pests on Minnesota's natural and
 60.25 agricultural lands. This appropriation is subject
 60.26 to Minnesota Statutes, section 116P.10. This
 60.27 appropriation is available until June 30, 2026,
 60.28 by which time the project must be completed
 60.29 and final products delivered.

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 60.33 fund to the commissioner of natural resources
 60.34 to reduce emerald ash borer by providing
 60.35 surveys, assessments, trainings, assistance,
 60.36 and grants for communities to manage emerald
 61.1 ash borer, plant a diversity of trees, and engage
 61.2 citizens in community forestry activities. This
 61.3 appropriation is available until June 30, 2025,
 61.4 by which time the project must be completed
 61.5 and final products delivered.

61.6 **(c) Biological Control of White-Nose Syndrome**
 61.7 **in Bats - Phase III**

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 61.9 fund to the Board of Regents of the University
 61.10 of Minnesota to continue assessing and
 61.11 developing a biocontrol agent for white-nose
 61.12 syndrome in bats.

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 61.14 **Invasive Carp**

61.15 \$478,000 the second year is from the trust
 61.16 fund to the commissioner of natural resources
 61.17 to apply new monitoring, outreach, and
 61.18 removal techniques and to continue work with
 61.19 commercial anglers to protect Minnesota
 61.20 waters from invasive carp.

178.34 **(e) Emerald Ash Borer and Black Ash:**
 178.35 **Maintaining Forests and Benefits**

179.1 \$700,000 the second year is from the trust
 179.2 fund to the Board of Regents of the University
 179.3 of Minnesota to use ongoing experiments to
 179.4 determine statewide long-term emerald ash
 179.5 borer impacts on water, vegetation, and
 179.6 wildlife; to determine optimal replacement
 179.7 species and practices for forest diversification;
 179.8 and to develop criteria for prioritizing
 179.9 mitigation activities. This appropriation is
 179.10 available until June 30, 2026, by which time
 179.11 the project must be completed and final
 179.12 products delivered.

179.13 **(f) Testing Effectiveness of Aquatic Invasive**
 179.14 **Species Removal Methods**

179.15 \$110,000 the second year is from the trust
 179.16 fund to the Board of Regents of the University
 179.17 of Minnesota for the Natural Resources
 179.18 Research Institute in Duluth to test how well
 179.19 boat-cleaning methods work, to provide the
 179.20 Department of Natural Resources with a risk
 179.21 assessment, and to provide recommendations
 179.22 for improving boat-launch cleaning stations
 179.23 to prevent the spread of aquatic invasive
 179.24 species.

179.25 **(g) Invasive *Didymosphenia* Threatens North**
 179.26 **Shore Streams**

179.27 \$197,000 the second year is from the trust
 179.28 fund to the Science Museum of Minnesota to
 179.29 evaluate the recent spread, origin, cause, and
 179.30 economic and ecological threat of didymo
 179.31 formation in North Shore streams and Lake
 179.32 Superior to inform management and outreach.

61.21 **(e) Emerald Ash Borer and Black Ash:**
 61.22 **Maintaining Forests and Benefits**

61.23 \$700,000 the second year is from the trust
 61.24 fund to the Board of Regents of the University
 61.25 of Minnesota to use ongoing experiments to
 61.26 determine statewide long-term emerald ash
 61.27 borer impacts on water, vegetation, and
 61.28 wildlife; to determine optimal replacement
 61.29 species and practices for forest diversification;
 61.30 and to develop criteria for prioritizing
 61.31 mitigation activities. This appropriation is
 61.32 available until June 30, 2026, by which time
 61.33 the project must be completed and final
 61.34 products delivered.

62.1 **(f) Testing Effectiveness of Aquatic Invasive**
 62.2 **Species Removal Methods**

62.3 \$110,000 the second year is from the trust
 62.4 fund to the Board of Regents of the University
 62.5 of Minnesota for the Natural Resources
 62.6 Research Institute in Duluth to test how well
 62.7 boat-cleaning methods work, to provide the
 62.8 Department of Natural Resources with a risk
 62.9 assessment, and to provide recommendations
 62.10 for improving boat-launch cleaning stations
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 62.12 species.

62.13 **(g) Invasive *Didymosphenia* Threatens North**
 62.14 **Shore Streams**

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 62.16 fund to the Science Museum of Minnesota to
 62.17 evaluate the recent spread, origin, cause, and
 62.18 economic and ecological threat of didymo
 62.19 formation in North Shore streams and Lake
 62.20 Superior to inform management and outreach.

179.33 Subd. 7. Air Quality and Renewable Energy -0- 573,000

179.34 (a) Storing Renewable Energy in Flow Battery

179.35 for Grid Use

180.1 \$250,000 the second year is from the trust

180.2 fund to the Board of Regents of the University

180.3 of Minnesota, on behalf of the Morris campus,

180.4 to analyze the potential of adding a flow

180.5 battery and solar energy generation to the

180.6 University of Minnesota Morris's existing

180.7 renewable-energy-intensive microgrid.

180.8 (b) Eco-Friendly Plastics from Cloquet Pulp-Mill

180.9 Lignin

180.10 \$193,000 the second year is from the trust

180.11 fund to the Board of Regents of the University

180.12 of Minnesota to reduce environmental

180.13 pollution from plastics by creating eco-friendly

180.14 replacements using lignin from the pulp mill

180.15 in Cloquet, Minnesota. This appropriation is

180.16 subject to Minnesota Statutes, section 116P.10.

180.17 (c) Diverting Unsold Food from Landfills and

180.18 Reducing Greenhouse Gases

180.19 \$130,000 the second year is from the trust

180.20 fund to the commissioner of natural resources

180.21 for an agreement with Second Harvest

180.22 Heartland to prevent food from going to

180.23 landfills and reduce greenhouse gas emissions

180.24 by helping businesses donate unsold prepared

180.25 food to food shelves.

180.26 Subd. 8. Methods to Protect or Restore Land,

180.27 Water, and Habitat -0- 2,393,000

180.28 (a) Lignin-Coated Fertilizers for Phosphate

180.29 Control

180.30 \$250,000 the second year is from the trust

180.31 fund to the Board of Regents of the University

62.21 Subd. 7. Air Quality and Renewable Energy -0- 573,000

62.22 (a) Storing Renewable Energy in Flow Battery

62.23 for Grid Use

62.24 \$250,000 the second year is from the trust

62.25 fund to the Board of Regents of the University

62.26 of Minnesota, on behalf of the Morris campus,

62.27 to analyze the potential of adding a flow

62.28 battery and solar energy generation to the

62.29 University of Minnesota Morris's existing

62.30 renewable-energy-intensive microgrid.

62.31 (b) Eco-Friendly Plastics from Cloquet Pulp-Mill

62.32 Lignin

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62.34 fund to the Board of Regents of the University

62.35 of Minnesota to reduce environmental

63.1 pollution from plastics by creating eco-friendly

63.2 replacements using lignin from the pulp mill

63.3 in Cloquet, Minnesota. This appropriation is

63.4 subject to Minnesota Statutes, section 116P.10.

63.5 (c) Diverting Unsold Food from Landfills and

63.6 Reducing Greenhouse Gases

63.7 \$130,000 the second year is from the trust

63.8 fund to the commissioner of natural resources

63.9 for an agreement with Second Harvest

63.10 Heartland to prevent food from going to

63.11 landfills and reduce greenhouse gas emissions

63.12 by helping businesses donate unsold prepared

63.13 food to food shelves.

63.14 Subd. 8. Methods to Protect or Restore Land,

63.15 Water, and Habitat -0- 4,219,000

64.12 (c) Lignin-Coated Fertilizers for Phosphate

64.13 Control

64.14 \$250,000 the second year is from the trust

64.15 fund to the Board of Regents of the University

180.32 of Minnesota for the Natural Resources
 180.33 Research Institute in Duluth to test a new,
 180.34 natural, slow-release fertilizer coating made
 180.35 from processed wood to decrease phosphorus
 181.1 runoff from farmland while also storing carbon
 181.2 in soils. This appropriation is subject to
 181.3 Minnesota Statutes, section 116P.10.

181.4 **(b) Implementing Hemp Crop Rotation to**
 181.5 **Improve Water Quality**

181.6 \$700,000 the second year is from the trust
 181.7 fund to the Minnesota State Colleges and
 181.8 Universities System for Central Lakes College
 181.9 to evaluate how hemp crops reduce nitrogen
 181.10 contamination of surface water and
 181.11 groundwater in conventional crop rotations
 181.12 and demonstrate the environmental and
 181.13 economic benefits of hemp production. This
 181.14 appropriation is available until June 30, 2025,
 181.15 by which time the project must be completed
 181.16 and final products delivered.

181.17 **(c) Developing Cover-Crop Systems for Sugar**
 181.18 **Beet Production**

181.19 \$300,000 the second year is from the trust
 181.20 fund to the Board of Regents of the University
 181.21 of Minnesota to develop agronomic guidelines
 181.22 to support growers adopting cover-crop
 181.23 practices in sugar beet production in
 181.24 west-central and northwest Minnesota.

181.25 **(d) Native Eastern Larch Beetle Decimating**
 181.26 **Minnesota's Tamarack Forests**

181.27 \$398,000 the second year is from the trust
 181.28 fund to the Board of Regents of the University
 181.29 of Minnesota to understand conditions
 181.30 triggering eastern larch beetle outbreaks and
 181.31 develop management techniques to protect
 181.32 tamarack forests from this native insect. This
 181.33 appropriation is available until June 30, 2025,

64.16 of Minnesota for the Natural Resources
 64.17 Research Institute in Duluth to test a new,
 64.18 natural, slow-release fertilizer coating made
 64.19 from processed wood to decrease phosphorus
 64.20 runoff from farmland while also storing carbon
 64.21 in soils. This appropriation is subject to
 64.22 Minnesota Statutes, section 116P.10.

64.23 **(d) Implementing Hemp Crop Rotation to**
 64.24 **Improve Water Quality**

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 64.26 fund to the Minnesota State Colleges and
 64.27 Universities System for Central Lakes College
 64.28 to evaluate how hemp crops reduce nitrogen
 64.29 contamination of surface water and
 64.30 groundwater in conventional crop rotations
 64.31 and demonstrate the environmental and
 64.32 economic benefits of hemp production. This
 64.33 appropriation is available until June 30, 2025,
 64.34 by which time the project must be completed
 64.35 and final products delivered.

65.1 **(e) Developing Cover-Crop Systems for Sugar**
 65.2 **Beet Production**

65.3 \$300,000 the second year is from the trust
 65.4 fund to the Board of Regents of the University
 65.5 of Minnesota to develop agronomic guidelines
 65.6 to support growers adopting cover-crop
 65.7 practices in sugar beet production in
 65.8 west-central and northwest Minnesota.

65.9 **(f) Native Eastern Larch Beetle Decimating**
 65.10 **Minnesota's Tamarack Forests**

65.11 \$398,000 the second year is from the trust
 65.12 fund to the Board of Regents of the University
 65.13 of Minnesota to understand conditions
 65.14 triggering eastern larch beetle outbreaks and
 65.15 develop management techniques to protect
 65.16 tamarack forests from this native insect. This
 65.17 appropriation is available until June 30, 2025,

181.34 by which time the project must be completed
 181.35 and final products delivered.

182.1 **(e) Habitat Associations of Mississippi**
 182.2 **Bottomland Forest Marsh Birds**

182.3 \$275,000 the second year is from the trust
 182.4 fund to the commissioner of natural resources
 182.5 for an agreement with the National Audubon
 182.6 Society, Minnesota office, to evaluate habitat
 182.7 associations of bottomland forest birds in
 182.8 response to restoration actions to better target
 182.9 restoration efforts for wildlife. This
 182.10 appropriation is available until June 30, 2025,
 182.11 by which time the project must be completed
 182.12 and final products delivered.

182.13 **(f) Peatland Restoration in the Lost River State**
 182.14 **Forest**

182.15 \$135,000 the second year is from the trust
 182.16 fund to the commissioner of natural resources
 182.17 for an agreement with the Roseau River
 182.18 Watershed District to collect physical attribute
 182.19 data from drained peatlands, incorporate the
 182.20 data into a decision matrix, and generate a
 182.21 report detailing peatland restoration potential
 182.22 throughout the Lost River State Forest.

182.23 **(g) Prescribed Burning for**
 182.24 **Brushland-Dependent Species - Phase II**

182.25 \$147,000 the second year is from the trust
 182.26 fund to the Board of Regents of the University
 182.27 of Minnesota to compare the effects of spring,
 182.28 summer, and fall burns on birds and vegetation
 182.29 and to provide guidelines for maintaining
 182.30 healthy brushland habitat for a diversity of
 182.31 wildlife and plant species.

182.32 **(h) Increase Golden Shiner Production to Protect**
 182.33 **Aquatic Communities**

65.18 by which time the project must be completed
 65.19 and final products delivered.

65.20 **(g) Habitat Associations of Mississippi**
 65.21 **Bottomland Forest Marsh Birds**

65.22 \$275,000 the second year is from the trust
 65.23 fund to the commissioner of natural resources
 65.24 for an agreement with the National Audubon
 65.25 Society, Minnesota office, to evaluate habitat
 65.26 associations of bottomland forest birds in
 65.27 response to restoration actions to better target
 65.28 restoration efforts for wildlife. This
 65.29 appropriation is available until June 30, 2025,
 65.30 by which time the project must be completed
 65.31 and final products delivered.

65.32 **(h) Peatland Restoration in the Lost River State**
 65.33 **Forest**

65.34 \$135,000 the second year is from the trust
 65.35 fund to the commissioner of natural resources
 66.1 for an agreement with the Roseau River
 66.2 Watershed District to collect physical attribute
 66.3 data from drained peatlands, incorporate the
 66.4 data into a decision matrix, and generate a
 66.5 report detailing peatland restoration potential
 66.6 throughout the Lost River State Forest.

66.7 **(i) Prescribed Burning for Brushland-Dependent**
 66.8 **Species - Phase II**

66.9 \$147,000 the second year is from the trust
 66.10 fund to the Board of Regents of the University
 66.11 of Minnesota to compare the effects of spring,
 66.12 summer, and fall burns on birds and vegetation
 66.13 and to provide guidelines for maintaining
 66.14 healthy brushland habitat for a diversity of
 66.15 wildlife and plant species.

66.29 **(k) Increase Golden Shiner Production to Protect**
 66.30 **Aquatic Communities**

182.34 \$188,000 the second year is from the trust
 182.35 fund to the Board of Regents of the University
 183.1 of Minnesota for the Minnesota Sea Grant in
 183.2 Duluth to identify and demonstrate best
 183.3 methods for in-state production of golden
 183.4 shiners to address angler demand while
 183.5 reducing the risk of introducing and spreading
 183.6 invasive species and to communicate findings
 183.7 through reports, manuals, and workshops.
 183.8 Production of shiners in this project must not
 183.9 take place in wetlands.

66.31 \$188,000 the second year is from the trust
 66.32 fund to the Board of Regents of the University
 66.33 of Minnesota for the Minnesota Sea Grant in
 66.34 Duluth to identify and demonstrate best
 66.35 methods for in-state production of golden
 67.1 shiners to address angler demand while
 67.2 reducing the risk of introducing and spreading
 67.3 invasive species and to communicate findings
 67.4 through reports, manuals, and workshops.
 67.5 Production of shiners in this project must not
 67.6 take place in wetlands.

63.16 **(a) Pollinator Central: Habitat Improvement**
 63.17 **with Citizen Monitoring**

63.18 \$750,000 the second year is from the trust
 63.19 fund to the commissioner of natural resources
 63.20 for an agreement with Great River Greening
 63.21 to restore and enhance approximately 400
 63.22 acres of pollinator habitat on traditional and
 63.23 nontraditional sites such as roadsides and turf
 63.24 grass from Hastings to St. Cloud to benefit
 63.25 pollinators and build knowledge by engaging
 63.26 approximately 100 citizens in monitoring the
 63.27 impact of habitat improvements. This
 63.28 appropriation is available until June 30, 2025,
 63.29 by which time the project must be completed
 63.30 and final products delivered.

63.31 **(b) Pollinator and Beneficial Insect Strategic**
 63.32 **Habitat Program**

63.33 \$750,000 the second year is from the trust
 63.34 fund to the Board of Water and Soil Resources
 63.35 for building a new initiative to strategically
 64.1 restore and enhance approximately 1,000 acres
 64.2 of diverse native habitat to benefit multiple
 64.3 insects through grants, cost-share, and
 64.4 outreach. Notwithstanding subdivision 14,
 64.5 paragraph (e), restorations and enhancements
 64.6 may take place on land enrolled in
 64.7 Conservation Reserve Program and Reinvest
 64.8 in Minnesota easement programs. This
 64.9 appropriation is available until June 30, 2025,

183.10 Subd. 9. **Land Acquisition,**
 183.11 **Habitat, and Recreation** -0- 31,401,000

183.12 **(a) DNR Scientific and Natural Areas**

183.13 \$2,000,000 the second year is from the trust
 183.14 fund to the commissioner of natural resources
 183.15 for the scientific and natural area (SNA)

64.10 by which time the project must be completed
 64.11 and final products delivered.

66.16 **(j) Pollinator Habitat Creation Along Urban**
 66.17 **Mississippi River**

66.18 \$129,000 the second year is from the trust
 66.19 fund to the commissioner of natural resources
 66.20 for an agreement with Friends of the
 66.21 Mississippi River to remove invasive plants
 66.22 and replace them with high-value native
 66.23 species at three urban sites along the
 66.24 Mississippi River to improve habitat for
 66.25 pollinators and other wildlife. This
 66.26 appropriation is available until June 30, 2026,
 66.27 by which time the project must be completed
 66.28 and final products delivered.

67.7 **(l) Restoring Turf to Native Pollinator Gardens**
 67.8 **Across Metro**

67.9 \$197,000 the second year is from the trust
 67.10 fund to the commissioner of natural resources
 67.11 for an agreement with Wilderness in the City
 67.12 to transition turf to native gardens for
 67.13 pollinator habitat, establish long-term
 67.14 volunteer stewardship networks, and help
 67.15 connect diverse populations with nature
 67.16 throughout the metropolitan regional park
 67.17 system. A letter of commitment from the
 67.18 respective regional park implementing agency
 67.19 must be provided before money from this
 67.20 appropriation is spent at a regional park within
 67.21 the agency's jurisdiction.

67.22 Subd. 9. **Land Acquisition,**
 67.23 **Habitat, and Recreation** -0- 29,901,000

67.24 **(a) DNR Scientific and Natural Areas**

67.25 \$3,000,000 the second year is from the trust
 67.26 fund to the commissioner of natural resources
 67.27 for the scientific and natural area (SNA)

- 183.16 program to restore, improve, and enhance
- 183.17 wildlife habitat on SNAs; increase public
- 183.18 involvement and outreach; and strategically
- 183.19 acquire high-quality lands that meet criteria
- 183.20 for SNAs under Minnesota Statutes, section
- 183.21 86A.05, from willing sellers.

- 183.22 **(b) Private Native Prairie Conservation through**
- 183.23 **Native Prairie Bank**

- 183.24 \$2,000,000 the second year is from the trust
- 183.25 fund to the commissioner of natural resources
- 183.26 to provide technical stewardship assistance to
- 183.27 private landowners, restore and enhance native
- 183.28 prairie protected by easements in the native
- 183.29 prairie bank, and acquire easements for the
- 183.30 native prairie bank in accordance with
- 183.31 Minnesota Statutes, section 84.96, including
- 183.32 preparing initial baseline property assessments.
- 183.33 Up to \$60,000 of this appropriation may be
- 183.34 deposited in the natural resources conservation
- 183.35 easement stewardship account, created in
- 184.1 Minnesota Statutes, section 84.69, proportional
- 184.2 to the number of easement acres acquired.

- 184.3 **(c) Minnesota State Parks and State Trails**
- 184.4 **Inholdings**

- 184.5 \$6,000,000 the second year is from the trust
- 184.6 fund to the commissioner of natural resources
- 184.7 to acquire high-priority inholdings from
- 184.8 willing sellers within the legislatively
- 184.9 authorized boundaries of state parks,
- 184.10 recreation areas, and trails to protect
- 184.11 Minnesota's natural heritage, enhance outdoor
- 184.12 recreation, and promote tourism.

- 184.13 **(d) Grants for Local Parks, Trails, and Natural**
- 184.14 **Areas**

- 184.15 \$2,400,000 the second year is from the trust
- 184.16 fund to the commissioner of natural resources
- 184.17 to solicit, rank, and fund competitive matching
- 184.18 grants for local parks, trail connections, and

- 67.28 program to restore, improve, and enhance
- 67.29 wildlife habitat on SNAs; increase public
- 67.30 involvement and outreach; and strategically
- 67.31 acquire high-quality lands that meet criteria
- 67.32 for SNAs under Minnesota Statutes, section
- 67.33 86A.05, from willing sellers.

- 67.34 **(b) Private Native Prairie Conservation through**
- 67.35 **Native Prairie Bank**

- 68.1 \$2,000,000 the second year is from the trust
- 68.2 fund to the commissioner of natural resources
- 68.3 to provide technical stewardship assistance to
- 68.4 private landowners, restore and enhance native
- 68.5 prairie protected by easements in the native
- 68.6 prairie bank, and acquire easements for the
- 68.7 native prairie bank in accordance with
- 68.8 Minnesota Statutes, section 84.96, including
- 68.9 preparing initial baseline property assessments.
- 68.10 Up to \$60,000 of this appropriation may be
- 68.11 deposited in the natural resources conservation
- 68.12 easement stewardship account, created in
- 68.13 Minnesota Statutes, section 84.69, proportional
- 68.14 to the number of easement acres acquired.

- 68.15 **(c) Minnesota State Parks and State Trails**
- 68.16 **Inholdings**

- 68.17 \$3,500,000 the second year is from the trust
- 68.18 fund to the commissioner of natural resources
- 68.19 to acquire high-priority inholdings from
- 68.20 willing sellers within the legislatively
- 68.21 authorized boundaries of state parks,
- 68.22 recreation areas, and trails to protect
- 68.23 Minnesota's natural heritage, enhance outdoor
- 68.24 recreation, and promote tourism.

- 68.25 **(d) Grants for Local Parks, Trails, and Natural**
- 68.26 **Areas**

- 68.27 \$2,400,000 the second year is from the trust
- 68.28 fund to the commissioner of natural resources
- 68.29 to solicit, rank, and fund competitive matching
- 68.30 grants for local parks, trail connections, and

184.19 natural and scenic areas under Minnesota
 184.20 Statutes, section 85.019. This appropriation is
 184.21 for local nature-based recreation, connections
 184.22 to regional and state natural areas, and
 184.23 recreation facilities and may not be used for
 184.24 athletic facilities such as sport fields, courts,
 184.25 and playgrounds.

184.26 **(e) Mississippi River Aquatic Habitat**
 184.27 **Restoration and Mussel Reintroduction**

184.28 \$1,800,000 the second year is from the trust
 184.29 fund. Of this amount, \$1,549,000 is to the
 184.30 commissioner of natural resources for an
 184.31 agreement with the Minneapolis Park and
 184.32 Recreation Board and \$251,000 is to the
 184.33 commissioner of natural resources to restore
 184.34 lost habitat and reintroduce mussels in the
 184.35 Mississippi River above St. Anthony Falls.
 185.1 This work includes creating habitat and
 185.2 species restoration plans, implementing the
 185.3 restoration plans, and monitoring effectiveness
 185.4 of the restoration for multiple years after
 185.5 implementation. This appropriation is
 185.6 available until June 30, 2027, by which time
 185.7 the project must be completed and final
 185.8 products delivered.

185.9 **(f) Minnesota Hunter Walking Trails: Public**
 185.10 **Land Recreational Access**

185.11 \$300,000 the second year is from the trust
 185.12 fund to the commissioner of natural resources
 185.13 for an agreement with the Ruffed Grouse
 185.14 Society to improve Minnesota's hunter
 185.15 walking trail system by restoring or upgrading
 185.16 trailheads and trails, developing new walking
 185.17 trails, and compiling enhanced maps for use
 185.18 by managers and the public.

185.19 **(g) Turning Back to Rivers: Environmental and**
 185.20 **Recreational Protection**

68.31 natural and scenic areas under Minnesota
 68.32 Statutes, section 85.019. This appropriation is
 68.33 for local nature-based recreation, connections
 68.34 to regional and state natural areas, and
 68.35 recreation facilities and may not be used for
 69.1 athletic facilities such as sport fields, courts,
 69.2 and playgrounds.

69.3 **(e) Mississippi River Aquatic Habitat**
 69.4 **Restoration and Mussel Reintroduction**

69.5 \$1,800,000 the second year is from the trust
 69.6 fund. Of this amount, \$1,549,000 is to the
 69.7 commissioner of natural resources for an
 69.8 agreement with the Minneapolis Park and
 69.9 Recreation Board and \$251,000 is to the
 69.10 commissioner of natural resources to restore
 69.11 lost habitat and reintroduce mussels in the
 69.12 Mississippi River above St. Anthony Falls.
 69.13 This work includes creating habitat and
 69.14 species restoration plans, implementing the
 69.15 restoration plans, and monitoring effectiveness
 69.16 of the restoration for multiple years after
 69.17 implementation. This appropriation is
 69.18 available until June 30, 2027, by which time
 69.19 the project must be completed and final
 69.20 products delivered.

69.21 **(f) Minnesota Hunter Walking Trails: Public**
 69.22 **Land Recreational Access**

69.23 \$300,000 the second year is from the trust
 69.24 fund to the commissioner of natural resources
 69.25 for an agreement with the Ruffed Grouse
 69.26 Society to improve Minnesota's hunter
 69.27 walking trail system by restoring or upgrading
 69.28 trailheads and trails, developing new walking
 69.29 trails, and compiling enhanced maps for use
 69.30 by managers and the public.

69.31 **(g) Turning Back to Rivers: Environmental and**
 69.32 **Recreational Protection**

185.21 \$1,000,000 the second year is from the trust
 185.22 fund to the commissioner of natural resources
 185.23 for an agreement with The Trust for Public
 185.24 Land to help local communities acquire
 185.25 priority land along the Mississippi, St. Croix,
 185.26 and Minnesota Rivers and their tributaries to
 185.27 protect natural resources, provide buffers for
 185.28 flooding, and improve access for recreation.

185.29 **(h) Metropolitan Regional Parks System Land**
 185.30 **Acquisition - Phase VI**

185.31 \$1,000,000 the first year is from the trust fund
 185.32 to the Metropolitan Council for grants to
 185.33 acquire land within the approved park
 185.34 boundaries of the metropolitan regional park
 186.1 system. This appropriation must be matched
 186.2 by at least 40 percent of nonstate money.

186.3 **(i) Minnesota State Trails Development**

186.4 \$994,000 the second year is from the trust
 186.5 fund to the commissioner of natural resources
 186.6 to expand high-priority recreational
 186.7 opportunities on Minnesota's state trails by
 186.8 rehabilitating, improving, and enhancing
 186.9 existing state trails. The high-priority trail
 186.10 bridges to be rehabilitated or replaced under
 186.11 this appropriation include, but are not limited
 186.12 to, those on the Taconite, Great River Ridge,
 186.13 and C. J. Ramstad/Northshore State Trails.

186.14 **(j) Elm Creek Restoration - Phase IV**

186.15 \$500,000 the second year is from the trust
 186.16 fund to the commissioner of natural resources
 186.17 for an agreement with the city of Champlin to
 186.18 conduct habitat and stream restoration of
 186.19 approximately 0.7 miles of Elm Creek
 186.20 shoreline above Mill Pond Lake and through
 186.21 the Elm Creek Protection Area.

69.33 \$1,000,000 the second year is from the trust
 69.34 fund to the commissioner of natural resources
 69.35 for an agreement with The Trust for Public
 70.1 Land to help local communities acquire
 70.2 priority land along the Mississippi, St. Croix,
 70.3 and Minnesota Rivers and their tributaries to
 70.4 protect natural resources, provide buffers for
 70.5 flooding, and improve access for recreation.

70.6 **(h) Metropolitan Regional Parks System Land**
 70.7 **Acquisition - Phase VI**

70.8 \$1,000,000 the second year is from the trust
 70.9 fund to the Metropolitan Council for grants to
 70.10 acquire land within the approved park
 70.11 boundaries of the metropolitan regional park
 70.12 system. This appropriation must be matched
 70.13 by at least 40 percent of nonstate money.

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 70.16 fund to the commissioner of natural resources
 70.17 to expand high-priority recreational
 70.18 opportunities on Minnesota's state trails by
 70.19 rehabilitating, improving, and enhancing
 70.20 existing state trails. The high-priority trail
 70.21 bridges to be rehabilitated or replaced under
 70.22 this appropriation include, but are not limited
 70.23 to, those on the Taconite, Great River Ridge,
 70.24 and C. J. Ramstad/Northshore State Trails.

70.25 **(j) Elm Creek Restoration - Phase IV**

70.26 \$500,000 the second year is from the trust
 70.27 fund to the commissioner of natural resources
 70.28 for an agreement with the city of Champlin to
 70.29 conduct habitat and stream restoration of
 70.30 approximately 0.7 miles of Elm Creek
 70.31 shoreline above Mill Pond Lake and through
 70.32 the Elm Creek Protection Area.

186.22 **(k) Superior Hiking Trail as Environmental**
 186.23 **Showcase**

186.24 \$450,000 the second year is from the trust
 186.25 fund to the commissioner of natural resources
 186.26 for an agreement with the Superior Hiking
 186.27 Trail Association to rebuild damaged and
 186.28 dangerous segments and create a new trail
 186.29 segment of the Superior Hiking Trail to
 186.30 minimize environmental impacts, make the
 186.31 trail safer for users, and make the trail more
 186.32 resilient for future use and conditions.

186.33 **(l) Upper St. Anthony Falls Enhancements**

187.1 \$2,800,000 the second year is from the trust
 187.2 fund to the commissioner of natural resources
 187.3 for an agreement with the Friends of the Lock
 187.4 and Dam in partnership with the city of
 187.5 Minneapolis to design and install green
 187.6 infrastructure, public access, and habitat
 187.7 restorations on riverfront land at Upper St.
 187.8 Anthony Falls for water protection, recreation,
 187.9 and environmental education purposes. Of this
 187.10 amount, up to \$600,000 is for planning,
 187.11 design, and engagement. No funds from this
 187.12 appropriation may be spent until Congress
 187.13 directs the U.S. Army Corps of Engineers to
 187.14 convey an interest in the Upper St. Anthony
 187.15 Falls property to the city of Minneapolis for
 187.16 use as a visitor center. After this congressional
 187.17 act is signed into law, up to \$100,000 of the
 187.18 planning, design, and engagement funds may
 187.19 be spent. The remaining planning, design, and
 187.20 engagement funds may be spent after a binding
 187.21 agreement has been secured to acquire the land
 187.22 or access and use rights to the land for at least
 187.23 25 years. Any remaining balance of the
 187.24 appropriation may be spent on installing
 187.25 enhancements after the Upper St. Anthony
 187.26 Falls land has been acquired by the city of
 187.27 Minneapolis.

70.33 **(k) Superior Hiking Trail as Environmental**
 70.34 **Showcase**

71.1 \$450,000 the second year is from the trust
 71.2 fund to the commissioner of natural resources
 71.3 for an agreement with the Superior Hiking
 71.4 Trail Association to rebuild damaged and
 71.5 dangerous segments and create a new trail
 71.6 segment of the Superior Hiking Trail to
 71.7 minimize environmental impacts, make the
 71.8 trail safer for users, and make the trail more
 71.9 resilient for future use and conditions.

71.10 **(l) Upper St. Anthony Falls Enhancements**

71.11 \$2,800,000 the second year is from the trust
 71.12 fund to the commissioner of natural resources
 71.13 for an agreement with the Friends of the Lock
 71.14 and Dam in partnership with the city of
 71.15 Minneapolis to design and install green
 71.16 infrastructure, public access, and habitat
 71.17 restorations on riverfront land at Upper St.
 71.18 Anthony Falls for water protection, recreation,
 71.19 and environmental education purposes. Of this
 71.20 amount, up to \$600,000 is for planning,
 71.21 design, and engagement. No funds from this
 71.22 appropriation may be spent until Congress
 71.23 directs the U.S. Army Corps of Engineers to
 71.24 convey an interest in the Upper St. Anthony
 71.25 Falls property to the city of Minneapolis for
 71.26 use as a visitor center. After this congressional
 71.27 act is signed into law, up to \$100,000 of the
 71.28 planning, design, and engagement funds may
 71.29 be spent. The remaining planning, design, and
 71.30 engagement funds may be spent after a binding
 71.31 agreement has been secured to acquire the land
 71.32 or access and use rights to the land for at least
 71.33 25 years. Any remaining balance of the
 71.34 appropriation may be spent on installing
 71.35 enhancements after the Upper St. Anthony
 72.1 Falls land has been acquired by the city of
 72.2 Minneapolis.

187.28 (m) Whiskey Creek and Mississippi River Water
 187.29 Quality, Habitat, and Recreation

187.30 \$500,000 the second year is from the trust
 187.31 fund to the commissioner of natural resources
 187.32 for an agreement with the Mississippi
 187.33 Headwaters Board to acquire and transfer
 187.34 approximately 13 acres of land to the city of
 187.35 Baxter for future construction of water quality,
 188.1 habitat, and recreational improvements to
 188.2 protect the Mississippi River.

188.3 (n) Perham to Pelican Rapids Regional Trail
 188.4 (West Segment)

188.5 \$2,600,000 the second year is from the trust
 188.6 fund to the commissioner of natural resources
 188.7 for an agreement with Otter Tail County to
 188.8 construct the west segment of the 32-mile
 188.9 Perham to Pelican Rapids Regional Trail that
 188.10 will connect the city of Pelican Rapids to
 188.11 Maplewood State Park.

188.12 (o) Crow Wing County Community Natural
 188.13 Area Acquisition

188.14 \$400,000 the second year is from the trust
 188.15 fund to the commissioner of natural resources
 188.16 for an agreement with Crow Wing County to
 188.17 acquire approximately 65 acres of land
 188.18 adjacent to the historic fire tower property to
 188.19 allow for diverse recreational opportunities
 188.20 while protecting wildlife habitat and
 188.21 preventing forest fragmentation. Any revenue
 188.22 generated from selling products or assets
 188.23 developed or acquired with this appropriation
 188.24 must be repaid to the trust fund unless a plan
 188.25 is approved for reinvestment of income in the
 188.26 project as provided under Minnesota Statutes,
 188.27 section 116P.10.

188.28 (p) Rocori Trail - Phase III

72.3 (m) Whiskey Creek and Mississippi River Water
 72.4 Quality, Habitat, and Recreation

72.5 \$500,000 the second year is from the trust
 72.6 fund to the commissioner of natural resources
 72.7 for an agreement with the Mississippi
 72.8 Headwaters Board to acquire and transfer
 72.9 approximately 13 acres of land to the city of
 72.10 Baxter for future construction of water quality,
 72.11 habitat, and recreational improvements to
 72.12 protect the Mississippi River.

72.13 (n) Perham to Pelican Rapids Regional Trail
 72.14 (West Segment)

72.15 \$2,600,000 the second year is from the trust
 72.16 fund to the commissioner of natural resources
 72.17 for an agreement with Otter Tail County to
 72.18 construct the west segment of the 32-mile
 72.19 Perham to Pelican Rapids Regional Trail that
 72.20 will connect the city of Pelican Rapids to
 72.21 Maplewood State Park.

72.22 (o) Crow Wing County Community Natural
 72.23 Area Acquisition

72.24 \$400,000 the second year is from the trust
 72.25 fund to the commissioner of natural resources
 72.26 for an agreement with Crow Wing County to
 72.27 acquire approximately 65 acres of land
 72.28 adjacent to the historic fire tower property to
 72.29 allow for diverse recreational opportunities
 72.30 while protecting wildlife habitat and
 72.31 preventing forest fragmentation. Any revenue
 72.32 generated from selling products or assets
 72.33 developed or acquired with this appropriation
 72.34 must be repaid to the trust fund unless a plan
 72.35 is approved for reinvestment of income in the
 73.1 project as provided under Minnesota Statutes,
 73.2 section 116P.10.

73.3 (p) Rocori Trail - Phase III

188.29 \$1,200,000 the second year is from the trust
 188.30 fund to the commissioner of natural resources
 188.31 for an agreement with the Rocori Trail
 188.32 Construction Board to design and construct
 188.33 Phase III of the Rocori Trail along the old
 188.34 Burlington Northern Santa Fe rail corridor
 189.1 between the cities of Cold Spring and
 189.2 Rockville.

189.3 **(q) Mesabi Trail: New Trail and Additional**
 189.4 **Funding**

189.5 \$1,000,000 the second year is from the trust
 189.6 fund to the commissioner of natural resources
 189.7 for an agreement with the St. Louis and Lake
 189.8 Counties Regional Railroad Authority for
 189.9 constructing the Mesabi Trail beginning at the
 189.10 intersection of County Road 20 and Minnesota
 189.11 State Highway 135 and terminating at 1st
 189.12 Avenue North and 1st Street North in the city
 189.13 of Biwabik in St. Louis County. This
 189.14 appropriation may not be spent until all
 189.15 Mesabi Trail projects funded with trust fund
 189.16 appropriations before fiscal year 2020, with
 189.17 the exception of the project funded under Laws
 189.18 2017, chapter 96, section 2, subdivision 9,
 189.19 paragraph (g), are completed.

189.20 **(r) Ranier Safe Harbor and Transient Dock on**
 189.21 **Rainy Lake**

189.22 \$762,000 the second year is from the trust
 189.23 fund to the commissioner of natural resources
 189.24 for an agreement with the city of Ranier to
 189.25 construct a dock that accommodates boats 26
 189.26 feet or longer with the goal of increasing
 189.27 public access for boat recreation on Rainy
 189.28 Lake. Any revenue generated from selling
 189.29 products or assets developed or acquired with
 189.30 this appropriation must be repaid to the trust
 189.31 fund unless a plan is approved for
 189.32 reinvestment of income in the project as

73.4 \$1,200,000 the second year is from the trust
 73.5 fund to the commissioner of natural resources
 73.6 for an agreement with the Rocori Trail
 73.7 Construction Board to design and construct
 73.8 Phase III of the Rocori Trail along the old
 73.9 Burlington Northern Santa Fe rail corridor
 73.10 between the cities of Cold Spring and
 73.11 Rockville.

73.12 **(q) Mesabi Trail: New Trail and Additional**
 73.13 **Funding**

73.14 \$1,000,000 the second year is from the trust
 73.15 fund to the commissioner of natural resources
 73.16 for an agreement with the St. Louis and Lake
 73.17 Counties Regional Railroad Authority for
 73.18 constructing the Mesabi Trail beginning at the
 73.19 intersection of County Road 20 and Minnesota
 73.20 State Highway 135 and terminating at 1st
 73.21 Avenue North and 1st Street North in the city
 73.22 of Biwabik in St. Louis County. This
 73.23 appropriation may not be spent until all
 73.24 Mesabi Trail projects funded with trust fund
 73.25 appropriations before fiscal year 2020, with
 73.26 the exception of the project funded under Laws
 73.27 2017, chapter 96, section 2, subdivision 9,
 73.28 paragraph (g), are completed.

73.29 **(r) Ranier Safe Harbor and Transient Dock on**
 73.30 **Rainy Lake**

73.31 \$762,000 the second year is from the trust
 73.32 fund to the commissioner of natural resources
 73.33 for an agreement with the city of Ranier to
 73.34 construct a dock that accommodates boats 26
 73.35 feet or longer with the goal of increasing
 74.1 public access for boat recreation on Rainy
 74.2 Lake. Any revenue generated from selling
 74.3 products or assets developed or acquired with
 74.4 this appropriation must be repaid to the trust
 74.5 fund unless a plan is approved for
 74.6 reinvestment of income in the project as

189.33 provided under Minnesota Statutes, section
 189.34 116P.10.

189.35 **(s) Crane Lake Voyageurs National Park**
 189.36 **Campground and Visitor Center**

190.1 \$3,100,000 the second year is from the trust
 190.2 fund to the commissioner of natural resources
 190.3 for an agreement with the town of Crane Lake
 190.4 to design and construct a new campground
 190.5 and to plan and preliminarily prepare a site
 190.6 for constructing a new Voyageurs National
 190.7 Park visitor center on land acquired for these
 190.8 purposes in Crane Lake. Any revenue
 190.9 generated from selling products or assets
 190.10 developed or acquired with this appropriation
 190.11 must be repaid to the trust fund unless a plan
 190.12 is approved for reinvestment of income in the
 190.13 project as provided under Minnesota Statutes,
 190.14 section 116P.10.

190.15 **(t) Chippewa County Acquisition, Recreation,**
 190.16 **and Education**

190.17 \$160,000 the second year is from the trust
 190.18 fund to the commissioner of natural resources
 190.19 for an agreement with Chippewa County to
 190.20 acquire wetland and floodplain forest and
 190.21 abandoned gravel pits along the Minnesota
 190.22 River to provide water filtration, education,
 190.23 and recreational opportunities.

190.24 **(u) Sportsmen's Training and Developmental**
 190.25 **Learning Center**

190.26 \$85,000 the second year is from the trust fund
 190.27 to the commissioner of natural resources for
 190.28 an agreement with the Minnesota Forest Zone
 190.29 Trappers Association to complete a site
 190.30 evaluation and master plan for the Sportsmen's
 190.31 Training and Developmental Learning Center
 190.32 near Hibbing. Any revenue generated from
 190.33 selling products or assets developed or
 190.34 acquired with this appropriation must be

74.7 provided under Minnesota Statutes, section
 74.8 116P.10.

74.9 **(s) Crane Lake Voyageurs National Park**
 74.10 **Campground and Visitor Center**

74.11 \$3,100,000 the second year is from the trust
 74.12 fund to the commissioner of natural resources
 74.13 for an agreement with the town of Crane Lake
 74.14 to design and construct a new campground
 74.15 and to plan and preliminarily prepare a site
 74.16 for constructing a new Voyageurs National
 74.17 Park visitor center on land acquired for these
 74.18 purposes in Crane Lake. Any revenue
 74.19 generated from selling products or assets
 74.20 developed or acquired with this appropriation
 74.21 must be repaid to the trust fund unless a plan
 74.22 is approved for reinvestment of income in the
 74.23 project as provided under Minnesota Statutes,
 74.24 section 116P.10.

74.25 **(t) Chippewa County Acquisition, Recreation,**
 74.26 **and Education**

74.27 \$160,000 the second year is from the trust
 74.28 fund to the commissioner of natural resources
 74.29 for an agreement with Chippewa County to
 74.30 acquire wetland and floodplain forest and
 74.31 abandoned gravel pits along the Minnesota
 74.32 River to provide water filtration, education,
 74.33 and recreational opportunities.

74.34 **(u) Sportsmen's Training and Developmental**
 74.35 **Learning Center**

75.1 \$85,000 the second year is from the trust fund
 75.2 to the commissioner of natural resources for
 75.3 an agreement with the Minnesota Forest Zone
 75.4 Trappers Association to complete a site
 75.5 evaluation and master plan for the Sportsmen's
 75.6 Training and Developmental Learning Center
 75.7 near Hibbing. Any revenue generated from
 75.8 selling products or assets developed or
 75.9 acquired with this appropriation must be

190.35 repaid to the trust fund unless a plan is
 190.36 approved for reinvestment of income in the
 191.1 project as provided under Minnesota Statutes,
 191.2 section 116P.10.

191.3 **(v) Birch Lake Recreation Area**

191.4 \$350,000 the second year is from the trust
 191.5 fund to the commissioner of natural resources
 191.6 for a grant to the city of Babbitt to expand the
 191.7 Birch Lake Recreation Area by adding a new
 191.8 campground to include new campsites,
 191.9 restrooms, and other facilities. This
 191.10 appropriation is available until June 30, 2024.

191.11 Subd. 10. **Additional Projects** -0- 4,432,000

191.12 **(a) Mora Lake High Water Mitigation**

191.13 \$200,000 the second year is from the trust
 191.14 fund to the commissioner of natural resources
 191.15 for a grant to the city of Mora for measures to
 191.16 mitigate high water in Mora Lake, including
 191.17 installing intake and outlet structures and
 191.18 replacing the associated sanitary sewer and
 191.19 road. This appropriation is available until the
 191.20 project is completed or abandoned, subject to
 191.21 Minnesota Statutes, section 16A.642. This
 191.22 appropriation does not require a nonstate
 191.23 match.

191.24 **(b) Wastewater Pond Optimization**

191.25 \$750,000 the second year is from the trust
 191.26 fund to the commissioner of the Minnesota
 191.27 Pollution Control Agency, in partnership with
 191.28 the Minnesota Rural Water Association and
 191.29 the University of Minnesota's technical
 191.30 assistance program, to implement a program
 191.31 to optimize existing pond wastewater
 191.32 treatment systems to increase nutrient removal

75.10 repaid to the trust fund unless a plan is
 75.11 approved for reinvestment of income in the
 75.12 project as provided under Minnesota Statutes,
 75.13 section 116P.10.

75.14 **(v) Birch Lake Recreation Area**

75.15 \$350,000 the second year is from the trust
 75.16 fund to the commissioner of natural resources
 75.17 for a grant to the city of Babbitt to expand the
 75.18 Birch Lake Recreation Area by adding a new
 75.19 campground to include new campsites,
 75.20 restrooms, and other facilities. This
 75.21 appropriation is available until June 30, 2025.

191.33 and improve efficiency without requiring
 191.34 costly upgrades.

192.1 **(c) Applied Research in State Mineral and**
 192.2 **Water Resources**

192.3 \$750,000 the second year is from the trust
 192.4 fund to the Board of Regents of the University
 192.5 of Minnesota for academic and applied
 192.6 research through the MnDRIVE program at
 192.7 the Natural Resources Research Institute to
 192.8 develop and demonstrate technologies that
 192.9 enhance the long-term health and management
 192.10 of Minnesota's mineral and water resources.
 192.11 Of this amount, \$300,000 is to support
 192.12 demonstration of three sulfate reduction
 192.13 technologies for improved water quality, and
 192.14 \$450,000 is for continued characterization of
 192.15 Minnesota iron resources and for developing
 192.16 next-generation technologies and iron
 192.17 products. This research must be conducted in
 192.18 consultation with the Mineral Coordinating
 192.19 Committee established under Minnesota
 192.20 Statutes, section 93.0015.

192.21 **(d) Chloride Pollution Reduction**

192.22 \$500,000 the second year is from the trust
 192.23 fund to the commissioner of the Pollution
 192.24 Control Agency for activities, training, and
 192.25 grants that reduce chloride pollution. Of this
 192.26 amount, \$250,000 is for grants for upgrading,
 192.27 optimizing, or replacing water softener units.
 192.28 Priority for grants must be given to facilities
 192.29 needing improvements to comply with
 192.30 chloride water quality standards.

192.31 **(e) Water Volume, Quality, and Storage**
 192.32 **Program**

192.33 \$788,000 the second year is from the trust
 192.34 fund to the Board of Water and Soil Resources
 192.35 for the water volume, quality, and storage
 193.1 program under Minnesota Statutes, section

193.2 103F.05. This appropriation is available until
 193.3 June 30, 2025.

193.4 **(f) Blue Earth County Storm Water**
 193.5 **Management**

193.6 \$14,000 the second year is from the trust fund
 193.7 to the commissioner of natural resources for
 193.8 a grant to Blue Earth County for a study of
 193.9 flood control and storm water management
 193.10 options for South Bend Township.

193.11 **(g) Madelia Floodplain Modeling**

193.12 \$105,000 the second year is from the trust
 193.13 fund to the commissioner of natural resources
 193.14 for a grant to the city of Madelia for surveying,
 193.15 modeling, and designing floodplain
 193.16 improvements along the Watonwan River. The
 193.17 city must submit a copy of the study to the
 193.18 commissioner of natural resources and to the
 193.19 Federal Emergency Management Agency for
 193.20 possible incorporation into the Watonwan
 193.21 County digital flood insurance rate maps.

193.22 **(h) Waterville River Gauge and Flood Study**

193.23 \$513,000 the second year is from the trust
 193.24 fund to the commissioner of natural resources
 193.25 for a grant to the city of Waterville. Of this
 193.26 amount:

193.27 (1) \$13,000 is to purchase and install a flood
 193.28 warning gauge on the Cannon River. The city
 193.29 must work with the commissioner to integrate
 193.30 the gauge with the state's enhanced flood
 193.31 forecast warning system; and

193.32 (2) \$500,000 is for a flood study of the Cannon
 193.33 River dam system. The study must include
 193.34 data collection and calibration, structure
 194.1 surveying, HEC-HMS model development

194.2 and calibration, HEC-RAS model generation,
 194.3 and modeling alternative mitigation options.

194.4 **(i) Storm Water Retention in Urban Areas**

194.5 \$564,000 the second year is from the trust
 194.6 fund to the commissioner of the Pollution
 194.7 Control Agency to evaluate the impact of
 194.8 storm water retention and infiltration in urban
 194.9 areas on groundwater and surface water,
 194.10 including the potential for contamination from
 194.11 pollutants and the effects on stream water
 194.12 flow, lake levels, and groundwater recharge.
 194.13 The commissioner must develop
 194.14 recommendations for when and where storm
 194.15 water retention and infiltration should be
 194.16 encouraged and discouraged. The
 194.17 commissioner must submit a report with the
 194.18 recommendations to the chairs and ranking
 194.19 minority members of the house of
 194.20 representatives and senate committees and
 194.21 divisions with jurisdiction over environment
 194.22 and natural resources by January 15, 2022.

194.23 **(j) Water Storage and Quality Plan**

194.24 \$248,000 the second year is from the trust
 194.25 fund to the Board of Water and Soil Resources
 194.26 to develop a plan to increase water storage in
 194.27 strategic locations across the state. The plan
 194.28 must:
 194.29 (1) include recommendations for enhancing
 194.30 flood protection, providing flood control, and
 194.31 improving water quality through research,
 194.32 implementation, and outreach;
 194.33 (2) identify peak water storage structure
 194.34 opportunities in critical areas of the state;
 195.1 (3) include an assessment of peak water
 195.2 storage structures and their appropriateness
 195.3 for specific landscape settings;

195.4 (4) include best management practices for
 195.5 enhancing water storage that take into account
 195.6 specific water storage structures and
 195.7 landscape; and
 195.8 (5) be submitted to the chairs and ranking
 195.9 minority members of the house of
 195.10 representatives and senate committees and
 195.11 divisions with jurisdiction over environment
 195.12 and natural resources by January 15, 2022.

195.13 **Subd. 11. Contract**
 195.14 **Agreement Reimbursement** -0- 135,000
 195.15 \$135,000 the second year is from the trust
 195.16 fund to the commissioner of natural resources,
 195.17 at the direction of the Legislative-Citizen
 195.18 Commission on Minnesota Resources, for
 195.19 expenses incurred for preparing and
 195.20 administering contracts for the agreements
 195.21 specified in this section. The commissioner
 195.22 must provide documentation to the
 195.23 Legislative-Citizen Commission on Minnesota
 195.24 Resources on the expenditure of these funds.

75.22 **Subd. 10. Emerging Issues**
 75.23 **Account; Wastewater**
 75.24 **Renewable Energy**
 75.25 **Demonstration Grants** -0- 1,095,000
 75.26 \$1,095,000 the second year is from the trust
 75.27 fund to an emerging issues account authorized
 75.28 in Minnesota Statutes, section 116P.08,
 75.29 subdivision 4, paragraph (d). Money
 75.30 appropriated under this subdivision must be
 75.31 used for grants in consultation with the Public
 75.32 Facilities Authority for renewable energy
 75.33 demonstration projects at wastewater treatment
 75.34 facilities.
 76.1 **Subd. 11. Contract**
 76.2 **Agreement Reimbursement** -0- 135,000
 76.3 \$135,000 the second year is from the trust
 76.4 fund to the commissioner of natural resources,
 76.5 at the direction of the Legislative-Citizen
 76.6 Commission on Minnesota Resources, for
 76.7 expenses incurred for preparing and
 76.8 administering contracts for the agreements
 76.9 specified in this section. The commissioner
 76.10 must provide documentation to the
 76.11 Legislative-Citizen Commission on Minnesota
 76.12 Resources on the expenditure of these funds.

195.25 Subd. 12. Availability of Appropriations

195.26 Money appropriated in this section may not
 195.27 be spent on activities unless they are directly
 195.28 related to and necessary for a specific
 195.29 appropriation and are specified in the work
 195.30 plan approved by the Legislative-Citizen
 195.31 Commission on Minnesota Resources. Money
 195.32 appropriated in this section must not be spent
 195.33 on indirect costs or other institutional overhead
 195.34 charges that are not directly related to and
 195.35 necessary for a specific appropriation. Costs
 196.1 that are directly related to and necessary for
 196.2 an appropriation, including financial services,
 196.3 human resources, information services, rent,
 196.4 and utilities, are eligible only if the costs can
 196.5 be clearly justified and individually
 196.6 documented specific to the appropriation's
 196.7 purpose and would not be generated by the
 196.8 recipient but for receipt of the appropriation.
 196.9 No broad allocations for costs in either dollars
 196.10 or percentages are allowed. Unless otherwise
 196.11 provided, the amounts in this section are
 196.12 available until June 30, 2024, when projects
 196.13 must be completed and final products
 196.14 delivered. For acquisition of real property, the
 196.15 appropriations in this section are available for
 196.16 an additional fiscal year if a binding contract
 196.17 for acquisition of the real property is entered
 196.18 into before the expiration date of the
 196.19 appropriation. If a project receives a federal
 196.20 grant, the time period of the appropriation is
 196.21 extended to equal the federal grant period.

196.22 Subd. 13. Data Availability Requirements

196.23 Data collected by the projects funded under
 196.24 this section must conform to guidelines and
 196.25 standards adopted by MN.IT Services. Spatial
 196.26 data must also conform to additional
 196.27 guidelines and standards designed to support
 196.28 data coordination and distribution that have
 196.29 been published by the Minnesota Geospatial

76.13 Subd. 12. Availability of Appropriations

76.14 Money appropriated in this section may not
 76.15 be spent on activities unless they are directly
 76.16 related to and necessary for a specific
 76.17 appropriation and are specified in the work
 76.18 plan approved by the Legislative-Citizen
 76.19 Commission on Minnesota Resources. Money
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 76.24 that are directly related to and necessary for
 76.25 an appropriation, including financial services,
 76.26 human resources, information services, rent,
 76.27 and utilities, are eligible only if the costs can
 76.28 be clearly justified and individually
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 76.30 purpose and would not be generated by the
 76.31 recipient but for receipt of the appropriation.
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 77.4 an additional fiscal year if a binding contract
 77.5 for acquisition of the real property is entered
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 77.8 grant, the time period of the appropriation is
 77.9 extended to equal the federal grant period.

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 77.14 data must also conform to additional
 77.15 guidelines and standards designed to support
 77.16 data coordination and distribution that have
 77.17 been published by the Minnesota Geospatial

196.30 Information Office. Descriptions of spatial
 196.31 data must be prepared as specified in the state's
 196.32 geographic metadata guideline and must be
 196.33 submitted to the Minnesota Geospatial
 196.34 Information Office. All data must be
 196.35 accessible and free to the public unless made
 197.1 private under the Data Practices Act,
 197.2 Minnesota Statutes, chapter 13. To the extent
 197.3 practicable, summary data and results of
 197.4 projects funded under this section should be
 197.5 readily accessible on the Internet and
 197.6 identified as having received funding from the
 197.7 environment and natural resources trust fund.

197.8 **Subd. 14. Project Requirements**

197.9 (a) As a condition of accepting an
 197.10 appropriation under this section, an agency or
 197.11 entity receiving an appropriation or a party to
 197.12 an agreement from an appropriation must
 197.13 comply with paragraphs (b) to (l) and
 197.14 Minnesota Statutes, chapter 116P, and must
 197.15 submit a work plan and annual or semiannual
 197.16 progress reports in the form determined by the
 197.17 Legislative-Citizen Commission on Minnesota
 197.18 Resources for any project funded in whole or
 197.19 in part with funds from the appropriation.
 197.20 Modifications to the approved work plan and
 197.21 budget expenditures must be made through
 197.22 the amendment process established by the
 197.23 Legislative-Citizen Commission on Minnesota
 197.24 Resources.

197.25 (b) A recipient of money appropriated in this
 197.26 section that conducts a restoration using funds
 197.27 appropriated in this section must use native
 197.28 plant species according to the Board of Water
 197.29 and Soil Resources' native vegetation
 197.30 establishment and enhancement guidelines
 197.31 and include an appropriate diversity of native
 197.32 species selected to provide habitat for
 197.33 pollinators throughout the growing season as

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 78.17 and Soil Resources' native vegetation
 78.18 establishment and enhancement guidelines
 78.19 and include an appropriate diversity of native
 78.20 species selected to provide habitat for
 78.21 pollinators throughout the growing season as

197.34 required under Minnesota Statutes, section
 197.35 84.973.

198.1 (c) For all restorations conducted with money
 198.2 appropriated under this section, a recipient
 198.3 must prepare an ecological restoration and
 198.4 management plan that, to the degree
 198.5 practicable, is consistent with the
 198.6 highest-quality conservation and ecological
 198.7 goals for the restoration site. Consideration
 198.8 should be given to soil, geology, topography,
 198.9 and other relevant factors that would provide
 198.10 the best chance for long-term success and
 198.11 durability of the restoration project. The plan
 198.12 must include the proposed timetable for
 198.13 implementing the restoration, including site
 198.14 preparation, establishment of diverse plant
 198.15 species, maintenance, and additional
 198.16 enhancement to establish the restoration;
 198.17 identify long-term maintenance and
 198.18 management needs of the restoration and how
 198.19 the maintenance, management, and
 198.20 enhancement will be financed; and take
 198.21 advantage of the best-available science and
 198.22 include innovative techniques to achieve the
 198.23 best restoration.

198.24 (d) An entity receiving an appropriation in this
 198.25 section for restoration activities must provide
 198.26 an initial restoration evaluation at the
 198.27 completion of the appropriation and an
 198.28 evaluation three years after the completion of
 198.29 the expenditure. Restorations must be
 198.30 evaluated relative to the stated goals and
 198.31 standards in the restoration plan, current
 198.32 science, and, when applicable, the Board of
 198.33 Water and Soil Resources' native vegetation
 198.34 establishment and enhancement guidelines.
 198.35 The evaluation must determine whether the
 198.36 restorations are meeting planned goals,
 199.1 identify any problems with implementing the
 199.2 restorations, and, if necessary, give
 199.3 recommendations on improving restorations.

78.22 required under Minnesota Statutes, section
 78.23 84.973.

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 78.25 appropriated under this section, a recipient
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 78.27 management plan that, to the degree
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 79.20 science, and, when applicable, the Board of
 79.21 Water and Soil Resources' native vegetation
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 79.24 restorations are meeting planned goals,
 79.25 identify any problems with implementing the
 79.26 restorations, and, if necessary, give
 79.27 recommendations on improving restorations.

199.4 The evaluation must be focused on improving
 199.5 future restorations.

199.6 (e) All restoration and enhancement projects
 199.7 funded with money appropriated in this section
 199.8 must be on land permanently protected by a
 199.9 conservation easement or public ownership.

199.10 (f) A recipient of money from an appropriation
 199.11 under this section must give consideration to
 199.12 contracting with Conservation Corps
 199.13 Minnesota for contract restoration and
 199.14 enhancement services.

199.15 (g) All conservation easements acquired with
 199.16 money appropriated under this section must:

199.17 (1) be permanent;

199.18 (2) specify the parties to an easement in the
 199.19 easement;

199.20 (3) specify all of the provisions of an
 199.21 agreement that are permanent;

199.22 (4) be sent to the Legislative-Citizen
 199.23 Commission on Minnesota Resources in an
 199.24 electronic format at least ten business days
 199.25 before closing;

199.26 (5) include a long-term monitoring and
 199.27 enforcement plan and funding for monitoring
 199.28 and enforcing the easement agreement; and

199.29 (6) include requirements in the easement
 199.30 document to protect the quantity and quality
 199.31 of groundwater and surface water through
 199.32 specific activities such as keeping water on
 199.33 the landscape, reducing nutrient and
 200.1 contaminant loading, and not permitting
 200.2 artificial hydrological modifications.

200.3 (h) For any acquisition of lands or interest in
 200.4 lands, a recipient of money appropriated under
 200.5 this section must not agree to pay more than
 200.6 100 percent of the appraised value for a parcel
 200.7 of land using this money to complete the
 200.8 purchase, in part or in whole, except that up

79.28 The evaluation must be focused on improving
 79.29 future restorations.

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 79.31 funded with money appropriated in this section
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 80.12 Commission on Minnesota Resources in an
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 80.14 before closing;

80.15 (5) include a long-term monitoring and
 80.16 enforcement plan and funding for monitoring
 80.17 and enforcing the easement agreement; and

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 80.19 document to protect the quantity and quality
 80.20 of groundwater and surface water through
 80.21 specific activities such as keeping water on
 80.22 the landscape, reducing nutrient and
 80.23 contaminant loading, and not permitting
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 80.26 lands, a recipient of money appropriated under
 80.27 this section must not agree to pay more than
 80.28 100 percent of the appraised value for a parcel
 80.29 of land using this money to complete the
 80.30 purchase, in part or in whole, except that up

200.9 to ten percent above the appraised value may
 200.10 be allowed to complete the purchase, in part
 200.11 or in whole, using this money if permission is
 200.12 received in advance of the purchase from the
 200.13 Legislative-Citizen Commission on Minnesota
 200.14 Resources.

200.15 (i) For any acquisition of land or interest in
 200.16 land, a recipient of money appropriated under
 200.17 this section must give priority to high-quality
 200.18 natural resources or conservation lands that
 200.19 provide natural buffers to water resources.

200.20 (j) For new lands acquired with money
 200.21 appropriated under this section, a recipient
 200.22 must prepare an ecological restoration and
 200.23 management plan in compliance with
 200.24 paragraph (c), including sufficient funding for
 200.25 implementation unless the work plan addresses
 200.26 why a portion of the money is not necessary
 200.27 to achieve a high-quality restoration.

200.28 (k) To ensure public accountability for using
 200.29 public funds, a recipient of money
 200.30 appropriated under this section must, within
 200.31 60 days of the transaction, provide to the
 200.32 Legislative-Citizen Commission on Minnesota
 200.33 Resources documentation of the selection
 200.34 process used to identify parcels acquired and
 200.35 provide documentation of all related
 201.1 transaction costs, including but not limited to
 201.2 appraisals, legal fees, recording fees,
 201.3 commissions, other similar costs, and
 201.4 donations. This information must be provided
 201.5 for all parties involved in the transaction. The
 201.6 recipient must also report to the
 201.7 Legislative-Citizen Commission on Minnesota
 201.8 Resources any difference between the
 201.9 acquisition amount paid to the seller and the
 201.10 state-certified or state-reviewed appraisal, if
 201.11 a state-certified or state-reviewed appraisal
 201.12 was conducted.

201.13 (l) A recipient of an appropriation from the
 201.14 trust fund under this section must acknowledge

80.31 to ten percent above the appraised value may
 80.32 be allowed to complete the purchase, in part
 80.33 or in whole, using this money if permission is
 81.1 received in advance of the purchase from the
 81.2 Legislative-Citizen Commission on Minnesota
 81.3 Resources.

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 81.5 land, a recipient of money appropriated under
 81.6 this section must give priority to high-quality
 81.7 natural resources or conservation lands that
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 81.13 paragraph (c), including sufficient funding for
 81.14 implementation unless the work plan addresses
 81.15 why a portion of the money is not necessary
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 81.25 transaction costs, including but not limited to
 81.26 appraisals, legal fees, recording fees,
 81.27 commissions, other similar costs, and
 81.28 donations. This information must be provided
 81.29 for all parties involved in the transaction. The
 81.30 recipient must also report to the
 81.31 Legislative-Citizen Commission on Minnesota
 81.32 Resources any difference between the
 81.33 acquisition amount paid to the seller and the
 81.34 state-certified or state-reviewed appraisal, if
 82.1 a state-certified or state-reviewed appraisal
 82.2 was conducted.

82.3 (l) A recipient of an appropriation from the
 82.4 trust fund under this section must acknowledge

201.15 financial support from the environment and
 201.16 natural resources trust fund in project
 201.17 publications, signage, and other public
 201.18 communications and outreach related to work
 201.19 completed using the appropriation.
 201.20 Acknowledgment may occur, as appropriate,
 201.21 through use of the trust fund logo or inclusion
 201.22 of language attributing support from the trust
 201.23 fund. Each direct recipient of money
 201.24 appropriated in this section, as well as each
 201.25 recipient of a grant awarded pursuant to this
 201.26 section, must satisfy all reporting and other
 201.27 requirements incumbent upon constitutionally
 201.28 dedicated funding recipients as provided in
 201.29 Minnesota Statutes, section 3.303, subdivision
 201.30 10, and chapter 116P.

201.31 **Subd. 15. Payment Conditions and**
 201.32 **Capital-Equipment Expenditures**

201.33 (a) All agreements, grants, or contracts
 201.34 referred to in this section must be administered
 201.35 on a reimbursement basis unless otherwise
 202.1 provided in this section. Notwithstanding
 202.2 Minnesota Statutes, section 16A.41,
 202.3 expenditures made on or after July 1, 2020,
 202.4 or the date the work plan is approved,
 202.5 whichever is later, are eligible for
 202.6 reimbursement unless otherwise provided in
 202.7 this section. Periodic payments must be made
 202.8 upon receiving documentation that the
 202.9 deliverable items articulated in the approved
 202.10 work plan have been achieved, including

82.5 financial support from the environment and
 82.6 natural resources trust fund in project
 82.7 publications, signage, and other public
 82.8 communications and outreach related to work
 82.9 completed using the appropriation.
 82.10 Acknowledgment may occur, as appropriate,
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 82.13 fund. Each direct recipient of money
 82.14 appropriated in this section, as well as each
 82.15 recipient of a grant awarded pursuant to this
 82.16 section, must satisfy all reporting and other
 82.17 requirements incumbent upon constitutionally
 82.18 dedicated funding recipients as provided in
 82.19 Minnesota Statutes, section 3.303, subdivision
 82.20 10, and chapter 116P.

82.21 (m) A recipient of an appropriation from the
 82.22 trust fund under this section that is a children's
 82.23 service provider, as defined in Minnesota
 82.24 Statutes, section 299C.61, subdivision 5, must
 82.25 certify to the commission, as part of the
 82.26 required work plan, that it performs criminal
 82.27 background checks on all employees,
 82.28 contractors, and volunteers that have or may
 82.29 have access to a child to whom the recipient
 82.30 provides children's services.

82.31 **Subd. 15. Payment Conditions and**
 82.32 **Capital-Equipment Expenditures**

82.33 (a) All agreements, grants, or contracts
 82.34 referred to in this section must be administered
 82.35 on a reimbursement basis unless otherwise
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 83.3 expenditures made on or after July 1, 2020,
 83.4 or the date the work plan is approved,
 83.5 whichever is later, are eligible for
 83.6 reimbursement unless otherwise provided in
 83.7 this section. Periodic payments must be made
 83.8 upon receiving documentation that the
 83.9 deliverable items articulated in the approved
 83.10 work plan have been achieved, including

202.11 partial achievements as evidenced by approved
 202.12 progress reports. Reasonable amounts may be
 202.13 advanced to projects to accommodate
 202.14 cash-flow needs or match federal money. The
 202.15 advances must be approved as part of the work
 202.16 plan. No expenditures for capital equipment
 202.17 are allowed unless expressly authorized in the
 202.18 project work plan.

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

202.21 **Subd. 16. Purchasing Recycled and Recyclable**
 202.22 **Materials**

202.23 A political subdivision, public or private
 202.24 corporation, or other entity that receives an
 202.25 appropriation under this section must use the
 202.26 appropriation in compliance with Minnesota
 202.27 Statutes, section 16C.0725, regarding
 202.28 purchasing recycled, repairable, and durable
 202.29 materials and Minnesota Statutes, section
 202.30 16C.073, regarding purchasing and using
 202.31 paper stock and printing.

202.32 **Subd. 17. Energy Conservation and Sustainable**
 202.33 **Building Guidelines**

202.34 A recipient to whom an appropriation is made
 202.35 under this section for a capital improvement
 203.1 project must ensure that the project complies
 203.2 with the applicable energy conservation and
 203.3 sustainable building guidelines and standards
 203.4 contained in law, including Minnesota
 203.5 Statutes, sections 16B.325, 216C.19, and
 203.6 216C.20, and rules adopted under those
 203.7 sections. The recipient may use the energy
 203.8 planning, advocacy, and State Energy Office
 203.9 units of the Department of Commerce to
 203.10 obtain information and technical assistance
 203.11 on energy conservation and alternative-energy
 203.12 development relating to planning and
 203.13 constructing the capital improvement project.

83.11 partial achievements as evidenced by approved
 83.12 progress reports. Reasonable amounts may be
 83.13 advanced to projects to accommodate
 83.14 cash-flow needs or match federal money. The
 83.15 advances must be approved as part of the work
 83.16 plan. No expenditures for capital equipment
 83.17 are allowed unless expressly authorized in the
 83.18 project work plan.

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 84.8 planning, advocacy, and State Energy Office
 84.9 units of the Department of Commerce to
 84.10 obtain information and technical assistance
 84.11 on energy conservation and alternative-energy
 84.12 development relating to planning and
 84.13 constructing the capital improvement project.

- 203.14 Subd. 18. Accessibility
- 203.15 Structural and nonstructural facilities must
- 203.16 meet the design standards in the Americans
- 203.17 with Disabilities Act (ADA) accessibility
- 203.18 guidelines.
- 203.19 Subd. 19. Carryforward; Extension
- 203.20 (a) The availability of the appropriations for
- 203.21 the following projects is extended to June 30,
- 203.22 2022:
- 203.23 (1) Laws 2017, chapter 96, section 2,
- 203.24 subdivision 8, paragraph (k), Conservation
- 203.25 Reserve Enhancement Program (CREP)
- 203.26 Outreach and Implementation; and
- 203.27 (2) Laws 2018, chapter 214, article 4, section
- 203.28 2, subdivision 6, paragraph (b), Palmer
- 203.29 Amaranth Detection and Eradication
- 203.30 Continuation.
- 203.31 (b) The availability of the appropriations for
- 203.32 the following projects is extended to June 30,
- 203.33 2023:
- 204.1 (1) Laws 2018, chapter 214, article 4, section
- 204.2 2, subdivision 10, Emerging Issues Account;
- 204.3 (2) Laws 2019, First Special Session chapter
- 204.4 4, article 2, section 2, subdivision 8, paragraph
- 204.5 (f), Lawns to Legumes; and
- 204.6 (3) Laws 2017, chapter 96, section 2,
- 204.7 subdivision 9, paragraph (h), Tower Trailhead
- 204.8 Boat Landing and Habitat Improvement -
- 204.9 Phase II.
- 204.10 (c) The availability of the appropriation under
- 204.11 Laws 2018, chapter 214, article 4, section 2,
- 204.12 subdivision 4, paragraph (l), Lake Agnes
- 204.13 Treatment, is extended to June 30, 2024.

- 84.14 Subd. 18. Accessibility
- 84.15 Structural and nonstructural facilities must
- 84.16 meet the design standards in the Americans
- 84.17 with Disabilities Act (ADA) accessibility
- 84.18 guidelines.
- 84.19 Subd. 19. Carryforward; Extension
- 84.20 (a) The availability of the appropriations for
- 84.21 the following projects is extended to June 30,
- 84.22 2022:
- 84.23 (1) Laws 2017, chapter 96, section 2,
- 84.24 subdivision 8, paragraph (k), Conservation
- 84.25 Reserve Enhancement Program (CREP)
- 84.26 Outreach and Implementation; and
- 84.27 (2) Laws 2018, chapter 214, article 4, section
- 84.28 2, subdivision 6, paragraph (b), Palmer
- 84.29 Amaranth Detection and Eradication
- 84.30 Continuation.
- 84.31 (b) The availability of the appropriations for
- 84.32 the following projects is extended to June 30,
- 84.33 2023:
- 85.1 (1) Laws 2018, chapter 214, article 4, section
- 85.2 2, subdivision 10, Emerging Issues Account;
- 85.3 and
- 85.4 (2) Laws 2019, First Special Session chapter
- 85.5 4, article 2, section 2, subdivision 8, paragraph
- 85.6 (f), Lawns to Legumes.
- 85.7 (c) The availability of the appropriation under
- 85.8 Laws 2018, chapter 214, article 4, section 2,
- 85.9 subdivision 4, paragraph (l), Lake Agnes
- 85.10 Treatment, is extended to June 30, 2024.

204.14 Subd. 20. Transfers

204.15 The appropriation in Laws 2019, First Special
 204.16 Session chapter 4, article 2, section 2,
 204.17 subdivision 8, paragraph (c), Sauk River Dam
 204.18 Removal and Rock Rapids Replacement, in
 204.19 the amount of \$2,768,000, no longer needed
 204.20 for its original purpose, is transferred to the
 204.21 Board of Water and Soil Resources for the
 204.22 water volume, quality, and storage program
 204.23 under Minnesota Statutes, section 103F.05.
 204.24 This appropriation is available until June 30,
 204.25 2025.

85.11 Subd. 20. Transfers

85.12 The appropriation in Laws 2019, First Special
 85.13 Session chapter 4, article 2, section 2,
 85.14 subdivision 8, paragraph (c), Sauk River Dam
 85.15 Removal and Rock Rapids Replacement, in
 85.16 the amount of \$2,768,000, no longer needed
 85.17 for its original purpose is available until June
 85.18 30, 2023, and transferred as follows:

85.19 (1) \$849,000 is transferred to the Science
 85.20 Museum of Minnesota to determine how,
 85.21 when, and why lakes in pristine areas of the
 85.22 state without obvious nutrient loading are
 85.23 experiencing algal blooms;

85.24 (2) \$699,000 is transferred to the Board of
 85.25 Regents of the University of Minnesota to
 85.26 evaluate the ability of the virus that causes
 85.27 COVID-19 and other potentially infectious
 85.28 organisms to travel through wastewater
 85.29 systems, including septic systems, to drinking
 85.30 water sources;

85.31 (3) \$320,000 is transferred to the
 85.32 commissioner of natural resources to reduce
 85.33 emerald ash borer by providing surveys,
 85.34 assessments, trainings, assistance, and grants
 86.1 for communities to manage emerald ash borer,
 86.2 plant a diversity of trees, and engage citizens
 86.3 in community forestry activities; and

86.4 (4) \$900,000 is transferred to the Board of
 86.5 Water and Soil Resources for demonstration
 86.6 projects that provide grants or payments to
 86.7 plant residential lawns with native vegetation
 86.8 and pollinator-friendly forbs and legumes to
 86.9 protect a diversity of pollinators. The board
 86.10 must establish criteria for grants or payments
 86.11 awarded under this clause. Grants or payments
 86.12 awarded under this clause may be made for

204.26 Sec. 3. **[103F.05] WATER VOLUME, QUALITY, AND STORAGE.**

204.27 Subdivision 1. **Definitions.** (a) For purposes of this section, the terms in this subdivision
204.28 have the meanings given them.

204.29 (b) "Board" means the Board of Water and Soil Resources.

204.30 (c) "Local units of government" has the meaning given under section 103B.305,
204.31 subdivision 5, and includes tribal governments.

205.1 Subd. 2. **Establishment.** The board must establish a program to protect, conserve,
205.2 preserve, and enhance the state's water quality and related natural resources benefits by
205.3 providing financial assistance or grants to local units of government to control water volume
205.4 and rates of flow, to reduce water quality impairment caused by flooding, and to construct
205.5 infrastructure and improvements to facilitate these goals.

205.6 Subd. 3. **Financial assistance or grants.** (a) The board may provide financial assistance
205.7 or grants to local units of government to cover the costs of water volume control projects,
205.8 water storage projects, and other water quality practices consistent with a plan approved
205.9 according to chapter 103B, 103C, or 103D. The board may acquire conservation easements

86.13 up to 75 percent of the costs of the project,
86.14 except that in areas identified by the United
86.15 States Fish and Wildlife Service as areas
86.16 where there is a high potential for rusty
86.17 patched bumble bees to be present, grants may
86.18 be awarded for up to 90 percent of the costs
86.19 of the project.

224.3 Sec. 6. **[103F.05] WATER QUALITY AND STORAGE PROGRAM.**

224.4 Subdivision 1. **Definitions.** (a) For purposes of this section, the terms in this subdivision
224.5 have the meanings given them.

224.6 (b) "Board" means the Board of Water and Soil Resources.

224.7 (c) "Local units of government" has the meaning given under section 103B.305,
224.8 subdivision 5.

224.9 (d) "Water quality and storage practices" are those practices that sustain or improve
224.10 water quality via surface water rate and volume and ecological management, including but
224.11 not limited to:

224.12 (1) retention structures and basins;

224.13 (2) acquisition of flowage rights;

224.14 (3) soil and substrate infiltration;

224.15 (4) wetland restoration, creation, or enhancement;

224.16 (5) channel restoration or enhancement; and

224.17 (6) floodplain restoration or enhancement.

224.18 Subd. 2. **Establishment.** (a) The board must establish a program to provide financial
224.19 assistance to local units of government to control water volume and rates to protect
224.20 infrastructure, improve water quality and related public benefits, and mitigate climate change
224.21 impacts.

224.22 (b) In establishing a water quality and storage program, the board must give priority to
224.23 the Minnesota River basin and the Lower Mississippi River basin in Minnesota.

224.24 Subd. 3. **Financial assistance.** (a) The board may provide financial assistance to local
224.25 units of government to cover the costs of water storage projects and other water quality
224.26 practices consistent with a plan approved according to chapter 103B, 103C, or 103D. Eligible
224.27 costs include costs for property and equipment acquisition, design, engineering, construction,

205.10 under sections 103F.501 to 103F.531 as necessary to implement a project or practice under
 205.11 this section.

205.12 (b) The board must enter into agreements with local units of government receiving
 205.13 financial assistance or grants under this section. The agreements must specify the terms of
 205.14 state and local cooperation, including the financing arrangement for constructing any
 205.15 structures and assuring maintenance of the structures after completion.

205.16 Subd. 4. **Water quality and storage practices.** "Water quality and storage practices"
 205.17 are those practices which sustain or improve water quality via surface water rate and volume
 205.18 and ecological management, including but not limited to:

205.19 (1) retention structures and basins;
 205.20 (2) soil and substrate infiltration;
 205.21 (3) wetland restoration or enhancement;
 205.22 (4) channel restoration or enhancement;
 205.23 (5) floodplain restoration or enhancement; and
 205.24 (6) in-channel and overflow revegetation with native species.

205.25 Subd. 5. **Matching contribution and maximum awards.** (a) The board must require
 205.26 a matching contribution when providing financial assistance under this section and may
 205.27 adjust matching requirements if federal funds are available for the project.

205.28 (b) The board must establish maximum award amounts when providing financial
 205.29 assistance or grants under this section.

205.30 Subd. 6. **Technical assistance.** (a) The board may employ or contract with an engineer
 205.31 or hydrologist to work on the technical implementation of the program established under
 205.32 this section.

206.1 (b) When implementing the program, the board must:

206.2 (1) assist local units of government in achieving the goals of the program;
 206.3 (2) review and analyze projects and project sites; and
 206.4 (3) evaluate the effectiveness of completed projects constructed under the program.

206.5 (c) The board must cooperate with the commissioner of natural resources, the
 206.6 commissioner of the Pollution Control Agency, the United States Department of Agriculture
 206.7 Natural Resources Conservation Service, and other agencies as needed to analyze
 206.8 hydrological and engineering information on proposed sites.

206.9 Subd. 7. **Requirements.** (a) A local unit of government applying for financial assistance
 206.10 or grants under this section must provide a copy of a resolution or other documentation of
 206.11 the local unit of government's support for the project. The documentation must include

224.28 and management. The board may acquire conservation easements under sections 103F.501
 224.29 to 103F.531 as necessary to implement a project or practice under this section.

224.30 (b) The board must enter into agreements with local units of government receiving
 224.31 financial assistance under this section. The agreements must specify the terms of state and
 225.1 local cooperation, including the financing arrangement for constructing any structures and
 225.2 assuring maintenance of the structures after completion.

225.3 Subd. 4. **Matching contribution.** The board must require a matching contribution when
 225.4 providing financial assistance under this section and may adjust matching requirements if
 225.5 federal funds are available for the project.

225.6 Subd. 5. **Technical assistance.** (a) The board may employ or contract with an engineer
 225.7 or hydrologist to work on the technical implementation of the program established under
 225.8 this section.

225.9 (b) When implementing the program, the board must:

225.10 (1) assist local units of government in achieving the goals of the program;
 225.11 (2) review and analyze projects and project sites; and
 225.12 (3) evaluate the effectiveness of completed projects constructed under the program.

225.13 (c) The board must cooperate with the commissioner of natural resources, the United
 225.14 States Department of Agriculture Natural Resources Conservation Service, and other agencies
 225.15 as needed to analyze hydrological, climate, and engineering information on proposed sites.

225.16 Subd. 6. **Requirements.** (a) A local unit of government applying for financial assistance
 225.17 under this section must provide a copy of a resolution or other documentation of the local
 225.18 unit of government's support for the project. The documentation must include provisions

206.12 provisions for local funding and management, the proposed method of obtaining necessary
206.13 land rights for the proposed project, and an assignment of responsibility for maintaining
206.14 any structures or practices upon completion.

206.15 (b) A local unit of government, with the assistance of the board, must evaluate the public
206.16 benefits that are reasonably expected upon completing the proposed project, and must
206.17 specifically identify the way in which the proposed project will further enhance the protection,
206.18 conservation, preservation, and enhancement of the state's water quality. The evaluation
206.19 must be submitted to the board before the final design.

206.20 Subd. 8. **Interstate cooperation.** The board may enter into or approve working
206.21 agreements with neighboring states or their political subdivisions to accomplish projects
206.22 consistent with the program established under this section.

206.23 Subd. 9. **Federal aid availability.** The board must regularly analyze the availability of
206.24 federal funds and programs to supplement or complement state and local efforts consistent
206.25 with the purposes of this section.

206.26 Sec. 4. Laws 2016, chapter 186, section 2, subdivision 9, as amended by Laws 2018,
206.27 chapter 214, article 4, section 6, is amended to read:

206.28 Subd. 9. **Land Acquisition, Habitat, and**
206.29 **Recreation**

-0- 8,793,000

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

206.31 \$1,386,000 the second year is from the trust
206.32 fund to the commissioner of natural resources
207.1 to restore and improve approximately 750
207.2 acres of scientific and natural areas. A list of
207.3 proposed restorations must be provided as part
207.4 of the required work plan. This appropriation
207.5 is available until June 30, 2019, by which time
207.6 the project must be completed and final
207.7 products delivered.

207.8 (b) **Minnesota Point Pine Forest Scientific and**
207.9 **Natural Area Acquisition**

207.10 \$500,000 the second year is from the trust
207.11 fund to the commissioner of natural resources
207.12 in cooperation with the Duluth Airport
207.13 Authority to acquire approximately ten acres
207.14 as an addition to the designated Minnesota
207.15 Point Pine Forest Scientific and Natural Area

225.19 for local funding and management, the proposed method of obtaining necessary land rights
225.20 for the proposed project, and an assignment of responsibility for maintaining any structures
225.21 or practices upon completion.

225.22 (b) A local unit of government, with the assistance of the board, must evaluate the public
225.23 benefits that are reasonably expected upon completing the proposed project. The evaluation
225.24 must be submitted to the board before the final design.

225.25 Subd. 7. **Interstate cooperation.** The board may enter into or approve working
225.26 agreements with neighboring states or their political subdivisions to accomplish projects
225.27 consistent with the program established under this section.

225.28 Subd. 8. **Federal aid availability.** The board must regularly analyze the availability of
225.29 federal funds and programs to supplement or complement state and local efforts consistent
225.30 with the purposes of this section.

207.16 located along the shores of Lake Superior in
 207.17 Duluth. Any balance remaining in the
 207.18 appropriation not needed for the acquisition
 207.19 is available to the commissioner for a grant to
 207.20 the Duluth Airport Authority to use to protect
 207.21 the Minnesota Point Pine Forest Scientific and
 207.22 Natural Area by relocating an airport runway.
 207.23 The appropriation is available until June 30,
 207.24 2022.

207.25 **(c) Conservation Easements in Avon Hills -**
 207.26 **Phase III**

207.27 \$1,300,000 the second year is from the trust
 207.28 fund to the commissioner of natural resources
 207.29 for an agreement with Saint John's University
 207.30 in cooperation with Minnesota Land Trust to
 207.31 secure permanent conservation easements on
 207.32 approximately 500 acres of high-quality
 207.33 habitat in Stearns County, prepare
 207.34 conservation management plans, and provide
 207.35 public outreach. A list of proposed easement
 207.36 acquisitions must be provided as part of the
 208.1 required work plan. An entity that acquires a
 208.2 conservation easement with appropriations
 208.3 from the trust fund must have a long-term
 208.4 stewardship plan for the easement and a fund
 208.5 established for monitoring and enforcing the
 208.6 agreement. Funding for the long-term
 208.7 monitoring and enforcement fund must come
 208.8 from nonstate sources for easements acquired
 208.9 with this appropriation. The state may enforce
 208.10 requirements in the conservation easements
 208.11 on land acquired with this appropriation and
 208.12 the conservation easement document must
 208.13 state this authority and explicitly include
 208.14 requirements for water quality and quantity
 208.15 protection. This appropriation is available until
 208.16 June 30, 2019, by which time the project must
 208.17 be completed and final products delivered.

208.18 **(d) Lincoln Pipestone Rural Water System**

208.19 **Acquisition for Wellhead Protection**

208.20 \$1,500,000 the second year is from the trust
 208.21 fund to the commissioner of natural resources
 208.22 for an agreement with Lincoln Pipestone Rural
 208.23 Water to acquire and restore lands designated
 208.24 under an approved wellhead protection plan.
 208.25 Lands acquired with this appropriation must
 208.26 be from willing sellers and be identified by
 208.27 the Department of Health as targeted
 208.28 vulnerable lands for wellhead protection.
 208.29 Lands must be restored to permanent
 208.30 vegetative cover, but may be used for
 208.31 recreation and renewable energy if adequate
 208.32 protection of the drinking water aquifer is
 208.33 provided. A list of proposed acquisitions must
 208.34 be provided as part of the required work plan.
 208.35 Plant and seed materials must follow the Board
 208.36 of Water and Soil Resources' native vegetation
 209.1 establishment and enhancement guidelines.
 209.2 Income derived from the lands acquired with
 209.3 funds appropriated under this paragraph is
 209.4 exempt from Minnesota Statutes, section
 209.5 116P.10, if used for additional wellhead
 209.6 protection as provided under this paragraph
 209.7 until adequate wellhead protection has been
 209.8 achieved, as determined by the commissioner
 209.9 of health. Any income earned after that must
 209.10 be returned to the environment and natural
 209.11 resources trust fund. This appropriation is
 209.12 available until June 30, 2019, by which time
 209.13 the project must be completed and final
 209.14 products delivered.

209.15 **(e) Mesabi Trail Segment from Highway 135 to**

209.16 **Town of Embarrass**

209.17 \$1,200,000 the second year is from the trust
 209.18 fund to the commissioner of natural resources
 209.19 for an agreement with the St. Louis and Lake
 209.20 Counties Regional Railroad Authority for
 209.21 engineering and construction of segments of

209.22 the Mesabi Trail, totaling approximately six
 209.23 miles between Highway 135 and the town of
 209.24 Embarrass. This appropriation is available
 209.25 until June 30, 2019, by which time the project
 209.26 must be completed and final products
 209.27 delivered.

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

209.29 \$679,000 the second year is from the trust
 209.30 fund to the commissioner of natural resources
 209.31 for an agreement with the city of Tower to
 209.32 construct recreational trails along the harbor
 209.33 in Tower and to connect to the Mesabi Trail.
 209.34 This appropriation is available until June 30,
 210.1 2019, by which time the project must be
 210.2 completed and final products delivered.

210.3 **(g) Otter Tail River Recreational Trail**
 210.4 **Acquisition**

210.5 \$600,000 the second year is from the trust
 210.6 fund to the commissioner of natural resources
 210.7 for an agreement with the city of Fergus Falls
 210.8 to acquire land along the Otter Tail River for
 210.9 a recreational trail and park. This appropriation
 210.10 is contingent on at least a 40 percent match of
 210.11 nonstate money. Prior to the acquisition, a
 210.12 phase 1 environmental assessment must be
 210.13 completed and the city must not accept any
 210.14 liability for previous contamination of lands
 210.15 acquired with this appropriation.

210.16 Sec. 5. Laws 2017, chapter 96, section 2, subdivision 9, as amended by Laws 2019, First
 210.17 Special Session chapter 4, article 2, section 4, is amended to read:

210.18 Subd. 9. Land Acquisition,				
210.19 Habitat, and Recreation	999,000	13,533,000		-0-

210.20 **(a) Metropolitan Regional Parks System Land**
 210.21 **Acquisition**

210.22 \$1,500,000 the first year is from the trust fund
 210.23 to the Metropolitan Council for grants to

86.20 Sec. 3. Laws 2017, chapter 96, section 2, subdivision 9, as amended by Laws 2019, First
 86.21 Special Session chapter 4, article 2, section 4, is amended to read:

86.22 Subd. 9. Land Acquisition,				
86.23 Habitat, and Recreation	999,000	13,533,000		-0-

86.24 **(a) Metropolitan Regional Parks System Land**
 86.25 **Acquisition**

86.26 \$1,500,000 the first year is from the trust fund
 86.27 to the Metropolitan Council for grants to

210.24 acquire approximately 70 acres of land within
 210.25 the approved park boundaries of the
 210.26 metropolitan regional park system. This
 210.27 appropriation may not be used to purchase
 210.28 habitable residential structures. A list of
 210.29 proposed fee title acquisitions must be
 210.30 provided as part of the required work plan.
 210.31 This appropriation must be matched by at least
 210.32 40 percent of nonstate money that must be
 210.33 committed by December 31, 2017. This
 210.34 appropriation is available until June 30, 2020,
 211.1 by which time the project must be completed
 211.2 and final products delivered.

211.3 **(b) Scientific and Natural Areas Acquisition and**
 211.4 **Restoration, Citizen Science, and Engagement**

211.5 \$2,500,000 the first year is from the trust fund
 211.6 to the commissioner of natural resources to
 211.7 acquire land with high-quality native plant
 211.8 communities and rare features to be
 211.9 established as scientific and natural areas as
 211.10 provided in Minnesota Statutes, section
 211.11 86A.05, subdivision 5, restore and improve
 211.12 scientific and natural areas, and provide
 211.13 technical assistance and outreach, including
 211.14 site steward events. At least one-third of the
 211.15 appropriation must be spent on restoration
 211.16 activities. A list of proposed acquisitions and
 211.17 restorations must be provided as part of the
 211.18 required work plan. Land acquired with this
 211.19 appropriation must be sufficiently improved
 211.20 to meet at least minimum management
 211.21 standards, as determined by the commissioner
 211.22 of natural resources. When feasible,
 211.23 consideration must be given to accommodate
 211.24 trails on lands acquired. This appropriation is
 211.25 available until June 30, 2020, by which time
 211.26 the project must be completed and final
 211.27 products delivered.

211.28 **(c) Minnesota State Parks and State Trails Land**
 211.29 **Acquisition**

86.28 acquire approximately 70 acres of land within
 86.29 the approved park boundaries of the
 86.30 metropolitan regional park system. This
 86.31 appropriation may not be used to purchase
 86.32 habitable residential structures. A list of
 86.33 proposed fee title acquisitions must be
 86.34 provided as part of the required work plan.
 86.35 This appropriation must be matched by at least
 87.1 40 percent of nonstate money that must be
 87.2 committed by December 31, 2017. This
 87.3 appropriation is available until June 30, 2020,
 87.4 by which time the project must be completed
 87.5 and final products delivered.

87.6 **(b) Scientific and Natural Areas Acquisition and**
 87.7 **Restoration, Citizen Science, and Engagement**

87.8 \$2,500,000 the first year is from the trust fund
 87.9 to the commissioner of natural resources to
 87.10 acquire land with high-quality native plant
 87.11 communities and rare features to be
 87.12 established as scientific and natural areas as
 87.13 provided in Minnesota Statutes, section
 87.14 86A.05, subdivision 5, restore and improve
 87.15 scientific and natural areas, and provide
 87.16 technical assistance and outreach, including
 87.17 site steward events. At least one-third of the
 87.18 appropriation must be spent on restoration
 87.19 activities. A list of proposed acquisitions and
 87.20 restorations must be provided as part of the
 87.21 required work plan. Land acquired with this
 87.22 appropriation must be sufficiently improved
 87.23 to meet at least minimum management
 87.24 standards, as determined by the commissioner
 87.25 of natural resources. When feasible,
 87.26 consideration must be given to accommodate
 87.27 trails on lands acquired. This appropriation is
 87.28 available until June 30, 2020, by which time
 87.29 the project must be completed and final
 87.30 products delivered.

87.31 **(c) Minnesota State Parks and State Trails Land**
 87.32 **Acquisition**

211.30 \$1,500,000 the first year is from the trust fund
 211.31 to the commissioner of natural resources to
 211.32 acquire approximately 373 acres from willing
 211.33 sellers for authorized state trails and critical
 211.34 parcels within the statutory boundaries of state
 211.35 parks. State park land acquired with this
 211.36 appropriation must be sufficiently improved
 212.1 to meet at least minimum management
 212.2 standards, as determined by the commissioner
 212.3 of natural resources. A list of proposed
 212.4 acquisitions must be provided as part of the
 212.5 required work plan. This appropriation is
 212.6 available until June 30, 2020, by which time
 212.7 the project must be completed and final
 212.8 products delivered.

212.9 **(d) Minnesota State Trails Acquisition,**
 212.10 **Development, and Enhancement**

212.11 \$999,000 in fiscal year 2017 and \$39,000 the
 212.12 first year are from the trust fund to the
 212.13 commissioner of natural resources for state
 212.14 trail acquisition, development, and
 212.15 enhancement in southern Minnesota. A
 212.16 proposed list of trail projects on authorized
 212.17 state trails must be provided as part of the
 212.18 required work plan. This appropriation is
 212.19 available until June 30, 2020, by which time
 212.20 the project must be completed and final
 212.21 products delivered.

212.22 **(e) Native Prairie Stewardship and Prairie Bank**
 212.23 **Easement Acquisition**

212.24 \$2,675,000 the first year is from the trust fund
 212.25 to the commissioner of natural resources to
 212.26 acquire native prairie bank easements in
 212.27 accordance with Minnesota Statutes, section
 212.28 84.96, on approximately 250 acres, prepare
 212.29 baseline property assessments, restore and
 212.30 enhance native prairie sites, and provide
 212.31 technical assistance to landowners. Of this
 212.32 amount, up to \$132,000 may be deposited in
 212.33 a conservation easement stewardship account.

87.33 \$1,500,000 the first year is from the trust fund
 87.34 to the commissioner of natural resources to
 87.35 acquire approximately 373 acres from willing
 87.36 sellers for authorized state trails and critical
 88.1 parcels within the statutory boundaries of state
 88.2 parks. State park land acquired with this
 88.3 appropriation must be sufficiently improved
 88.4 to meet at least minimum management
 88.5 standards, as determined by the commissioner
 88.6 of natural resources. A list of proposed
 88.7 acquisitions must be provided as part of the
 88.8 required work plan. This appropriation is
 88.9 available until June 30, 2020, by which time
 88.10 the project must be completed and final
 88.11 products delivered.

88.12 **(d) Minnesota State Trails Acquisition,**
 88.13 **Development, and Enhancement**

88.14 \$999,000 in fiscal year 2017 and \$39,000 the
 88.15 first year are from the trust fund to the
 88.16 commissioner of natural resources for state
 88.17 trail acquisition, development, and
 88.18 enhancement in southern Minnesota. A
 88.19 proposed list of trail projects on authorized
 88.20 state trails must be provided as part of the
 88.21 required work plan. This appropriation is
 88.22 available until June 30, 2020, by which time
 88.23 the project must be completed and final
 88.24 products delivered.

88.25 **(e) Native Prairie Stewardship and Prairie Bank**
 88.26 **Easement Acquisition**

88.27 \$2,675,000 the first year is from the trust fund
 88.28 to the commissioner of natural resources to
 88.29 acquire native prairie bank easements in
 88.30 accordance with Minnesota Statutes, section
 88.31 84.96, on approximately 250 acres, prepare
 88.32 baseline property assessments, restore and
 88.33 enhance native prairie sites, and provide
 88.34 technical assistance to landowners. Of this
 88.35 amount, up to \$132,000 may be deposited in
 88.36 a conservation easement stewardship account.

212.34 Deposits into the conservation easement
 212.35 stewardship account must be made upon
 212.36 closing on conservation easements or at a time
 213.1 otherwise approved in the work plan. A list of
 213.2 proposed easement acquisitions must be
 213.3 provided as part of the required work plan.
 213.4 This appropriation is available until June 30,
 213.5 2020, by which time the project must be
 213.6 completed and final products delivered.

213.7 **(f) Leech Lake Acquisition**

213.8 \$1,500,000 the first year is from the trust fund
 213.9 to the commissioner of natural resources for
 213.10 an agreement with the Leech Lake Band of
 213.11 Ojibwe to acquire approximately 45 acres,
 213.12 including 0.67 miles of shoreline of
 213.13 high-quality aquatic and wildlife habitat at the
 213.14 historic meeting place between Henry
 213.15 Schoolcraft and the Anishinabe people. The
 213.16 land must be open to public use including
 213.17 hunting and fishing. The band must provide a
 213.18 commitment that land will not be put in a
 213.19 federal trust through the Bureau of Indian
 213.20 Affairs.

213.21 **(g) Mesabi Trail Development**

213.22 \$2,269,000 the first year is from the trust fund
 213.23 to the commissioner of natural resources for
 213.24 an agreement with the St. Louis and Lake
 213.25 Counties Regional Railroad Authority for
 213.26 engineering and constructing segments of the
 213.27 Mesabi Trail. This appropriation is available
 213.28 until June 30, 2020, by which time the project
 213.29 must be completed and final products
 213.30 delivered.

213.31 **(h) Tower Trailhead Boat Landing and Habitat
 213.32 Improvement - Phase II**

213.33 \$600,000 the first year is from the trust fund
 213.34 to the commissioner of natural resources for
 213.35 an agreement with the city of Tower to
 214.1 construct a trailhead, trail connection to the

89.1 Deposits into the conservation easement
 89.2 stewardship account must be made upon
 89.3 closing on conservation easements or at a time
 89.4 otherwise approved in the work plan. A list of
 89.5 proposed easement acquisitions must be
 89.6 provided as part of the required work plan.
 89.7 This appropriation is available until June 30,
 89.8 2020, by which time the project must be
 89.9 completed and final products delivered.

89.10 **(f) Leech Lake Acquisition**

89.11 \$1,500,000 the first year is from the trust fund
 89.12 to the commissioner of natural resources for
 89.13 an agreement with the Leech Lake Band of
 89.14 Ojibwe to acquire approximately 45 acres,
 89.15 including 0.67 miles of shoreline of
 89.16 high-quality aquatic and wildlife habitat at the
 89.17 historic meeting place between Henry
 89.18 Schoolcraft and the Anishinabe people. The
 89.19 land must be open to public use including
 89.20 hunting and fishing. The band must provide a
 89.21 commitment that land will not be put in a
 89.22 federal trust through the Bureau of Indian
 89.23 Affairs.

89.24 **(g) Mesabi Trail Development**

89.25 \$2,269,000 the first year is from the trust fund
 89.26 to the commissioner of natural resources for
 89.27 an agreement with the St. Louis and Lake
 89.28 Counties Regional Railroad Authority for
 89.29 engineering and constructing segments of the
 89.30 Mesabi Trail. This appropriation is available
 89.31 until June 30, 2020, by which time the project
 89.32 must be completed and final products
 89.33 delivered.

89.34 **(h) Tower Trailhead Boat Landing and Habitat
 89.35 Improvement - Phase II**

90.1 \$600,000 the first year is from the trust fund
 90.2 to the commissioner of natural resources for
 90.3 an agreement with the city of Tower to
 90.4 construct a trailhead, trail connection to the

214.2 Mesabi Trail, and boat landing and to restore
 214.3 vegetative habitat on city-owned property.
 214.4 Plant and seed materials must follow the Board
 214.5 of Water and Soil Resources' native vegetation
 214.6 establishment and enhancement guidelines.
 214.7 This appropriation is available until June 30,
 214.8 2020, by which time the project must be
 214.9 completed and final products delivered.

214.10 (i) **Land Acquisition for Voyageurs National**
 214.11 **Park Crane Lake Visitors Center**

214.12 \$950,000 the first year is from the trust fund
 214.13 to the commissioner of natural resources for
 214.14 an agreement with the town of Crane Lake, in
 214.15 partnership with Voyageurs National Park and
 214.16 the Department of Natural Resources, to
 214.17 acquire approximately 30 acres to be used for
 214.18 a visitor center and campground. Income
 214.19 generated by the campground may be used to
 214.20 support the facility.

214.21 **EFFECTIVE DATE.** This section is effective retroactively from July 1, 2017.

214.22 Sec. 6. Laws 2018, chapter 214, article 4, section 2, subdivision 6, is amended to read:

214.23 Subd. 6. Aquatic and Terrestrial Invasive		
214.24 Species	-0-	5,760,000

214.25 (a) **Minnesota Invasive Terrestrial Plants and**
 214.26 **Pests Center - Phase 4**

214.27 \$3,500,000 the second year is from the trust
 214.28 fund to the Board of Regents of the University
 214.29 of Minnesota for high-priority research at the
 214.30 Invasive Terrestrial Plants and Pests Center
 214.31 to protect Minnesota's natural and agricultural
 214.32 resources from terrestrial invasive plants,
 214.33 pathogens, and pests as identified through the
 214.34 center's strategic prioritization process. This
 214.35 appropriation is available until June 30, 2023,
 215.1 by which time the project must be completed
 215.2 and final products delivered.

90.5 Mesabi Trail, and boat landing and to restore
 90.6 vegetative habitat on city-owned property.
 90.7 Plant and seed materials must follow the Board
 90.8 of Water and Soil Resources' native vegetation
 90.9 establishment and enhancement guidelines.
 90.10 This appropriation is available until June 30,
 90.11 2020 2023, by which time the project must be
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 90.34 to protect Minnesota's natural and agricultural
 90.35 resources from terrestrial invasive plants,
 91.1 pathogens, and pests as identified through the
 91.2 center's strategic prioritization process. This
 91.3 appropriation is available until June 30, 2023,
 91.4 by which time the project must be completed
 91.5 and final products delivered.

215.3 **(b) Palmer Amaranth Detection and Eradication**
 215.4 **Continuation**

215.5 \$431,000 the second year is from the trust
 215.6 fund to the commissioner of agriculture to
 215.7 continue to monitor, ground survey, and
 215.8 control Palmer amaranth and other prohibited
 215.9 eradicate species of noxious weeds primarily
 215.10 in ~~conservation plantings~~ natural areas and to
 215.11 develop and implement aerial-survey methods
 215.12 to prevent infestation and protect prairies,
 215.13 other natural areas, and agricultural crops.

215.14 **(c) Evaluate Control Methods for Invasive**
 215.15 **Hybrid Cattails**

215.16 \$131,000 the second year is from the trust
 215.17 fund to the commissioner of natural resources
 215.18 for an agreement with Voyageurs National
 215.19 Park to evaluate the effectiveness of
 215.20 mechanical harvesting and managing muskrat
 215.21 populations to remove exotic hybrid cattails
 215.22 and restore fish and wildlife habitat in
 215.23 Minnesota wetlands. This appropriation is
 215.24 available until June 30, 2021, by which time
 215.25 the project must be completed and final
 215.26 products delivered.

215.27 **(d) Developing RNA Interference to Control**
 215.28 **Zebra Mussels**

215.29 \$500,000 the second year is from the trust
 215.30 fund to the commissioner of natural resources
 215.31 for an agreement with the United States
 215.32 Geological Survey to develop a genetic control
 215.33 tool that exploits the natural process of RNA
 215.34 silencing to specifically target and effectively
 215.35 control zebra mussels without affecting other
 216.1 species or causing other nontarget effects. This
 216.2 appropriation is available until June 30, 2021,
 216.3 by which time the project must be completed
 216.4 and final products delivered.

91.6 **(b) Palmer Amaranth Detection and Eradication**
 91.7 **Continuation**

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 92.4 species or causing other nontarget effects. This
 92.5 appropriation is available until June 30, 2021,
 92.6 by which time the project must be completed
 92.7 and final products delivered.

216.5 **(e) Install and Evaluate an Invasive Carp**
 216.6 **Deterrant for Mississippi River Locks and Dams**

216.7 \$998,000 the second year is from the trust
 216.8 fund to the Board of Regents of the University
 216.9 of Minnesota in cooperation with the United
 216.10 States Army Corps of Engineers and the
 216.11 United States Fish and Wildlife Service to
 216.12 install, evaluate, and optimize a system in
 216.13 Mississippi River locks and dams to deter
 216.14 passage of invasive carp without negatively
 216.15 impacting native fish and to evaluate the
 216.16 ability of predator fish in the pools above the
 216.17 locks and dams to consume young carp. The
 216.18 project must conduct a cost comparison of
 216.19 equipment purchase versus lease options and
 216.20 choose the most effective option. This
 216.21 appropriation is available until June 30, 2021,
 216.22 by which time the project must be completed
 216.23 and final products delivered.

216.24 **(f) Determining Risk of Toxic Alga in Minnesota**
 216.25 **Lakes**

216.26 \$200,000 the second year is from the trust
 216.27 fund to the Science Museum of Minnesota for
 216.28 the St. Croix Watershed Research Station to
 216.29 determine the historical distribution,
 216.30 abundance, and toxicity of the invasive
 216.31 blue-green alga, *Cylindrospermopsis*
 216.32 *raciborskii*, in about 20 lakes across Minnesota
 216.33 and inform managers and the public about the
 216.34 alga's spread and health risks. This
 216.35 appropriation is available until June 30, 2021,
 217.1 by which time the project must be completed
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 93.1 alga's spread and health risks. This
 93.2 appropriation is available until June 30, 2021,
 93.3 by which time the project must be completed
 93.4 and final products delivered.

93.5 **Sec. 5. EFFECTIVE DATE.**

93.6 Sections 1, 2, and 4 are effective the day following final enactment.