

SENATE
STATE OF MINNESOTA
NINETY-THIRD SESSION

S.F. No. 3507

(SENATE AUTHORS: HAWJ and Morrison)		
DATE	D-PG	OFFICIAL STATUS
02/12/2024	11549	Introduction and first reading
		Referred to Environment, Climate, and Legacy
02/19/2024	11625	Comm report: To pass and re-referred to Finance

1.1

A bill for an act

1.2

relating to natural resources; appropriating money from environment and natural

1.3

resources trust fund; modifying previous appropriations; amending Laws 2019,

1.4

First Special Session chapter 4, article 2, section 2, subdivision 9; Laws 2021, First

1.5

Special Session chapter 6, article 6, section 2, subdivision 9; Laws 2022, chapter

1.6

94, section 2, subdivisions 9, as amended, 10; Laws 2023, chapter 60, article 2,

1.7

section 2, subdivision 9.

1.8

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

1.9

Section 1. APPROPRIATIONS.

1.10

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

1.11

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

1.12

natural resources trust fund and are available for the fiscal years indicated for each purpose.

1.13

The figures "2024" and "2025" used in this act mean that the appropriations listed under

1.14

them are available for the fiscal year ending June 30, 2024, or June 30, 2025, respectively.

1.15

"The first year" is fiscal year 2024. "The second year" is fiscal year 2025. "The biennium"

1.16

is fiscal years 2024 and 2025. Any unencumbered balance remaining in the first year does

1.17

not cancel and is available for the second year or until the end of the appropriation. These

1.18

are onetime appropriations.

1.19

1.20

1.21

1.22

1.23

Sec. 2. MINNESOTA RESOURCES

1.24

Subdivision 1. Total Appropriation

\$

0

\$

79,644,000

2.1 This appropriation is from the environment
2.2 and natural resources trust fund. The amounts
2.3 that may be spent for each purpose are
2.4 specified in the following subdivisions.

2.5 **Subd. 2. Definition**

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

2.10 **Subd. 3. Foundational Natural Resource Data**
2.11 **and Information**

-0-

14,993,000

2.12 **(a) Native Plant Community Data in the City of**
2.13 **Duluth**

2.14 \$198,000 the second year is from the trust
2.15 fund to the commissioner of natural resources
2.16 for an agreement with Minnesota Land Trust
2.17 to develop field-verified native plant
2.18 community data and maps for the city of
2.19 Duluth and the St. Louis River estuary to
2.20 support conservation and restoration activities.

2.21 **(b) Reconstructing Historical Wild Rice to**
2.22 **Understand Its Future**

2.23 \$200,000 the second year is from the trust
2.24 fund to the Science Museum of Minnesota for
2.25 the St. Croix Watershed Research Station to
2.26 characterize environmental drivers
2.27 contributing to the decline of wild rice using
2.28 lake sediment cores to reconstruct historical
2.29 wild rice abundance in relation to lake and
2.30 watershed stressors.

2.31 **(c) Characterizing Tree Cavities and Use by**
2.32 **Minnesota's Wildlife**

2.33 \$349,000 the second year is from the trust
2.34 fund to the Board of Regents of the University
2.35 of Minnesota for the Natural Resources

3.1 Research Institute in Duluth to assess the
3.2 effects of forest management on Minnesota's
3.3 primary cavity engineer, the pileated
3.4 woodpecker, and on the wildlife that rely on
3.5 the cavities that pileated woodpeckers create.
3.6 This appropriation is also to develop
3.7 management guidelines.

3.8 **(d) Fate of Minnesota's Lakes in the Next**
3.9 **Century**

3.10 \$453,000 the second year is from the trust
3.11 fund to the Board of Regents of the University
3.12 of Minnesota to use new modeling techniques
3.13 to quantify how water quality of Minnesota's
3.14 lakes will change in the next century under
3.15 future land use and climate change scenarios
3.16 and to create an online web tool to display the
3.17 results. This appropriation is subject to
3.18 Minnesota Statutes, section 116P.10. This
3.19 appropriation is available until June 30, 2028,
3.20 by which time the project must be completed
3.21 and final products delivered.

3.22 **(e) Turtle Island Skywatchers - Minnesota**
3.23 **Research and Data Visualization**

3.24 \$200,000 the second year is from the trust
3.25 fund to the commissioner of natural resources
3.26 for an agreement with Native Skywatchers
3.27 Inc. to engage youth in environmental
3.28 stewardship by collecting images and acoustic
3.29 data from turtles and other culturally
3.30 significant animals and their habitats,
3.31 evaluating the differences in these soundscapes
3.32 across landscapes, and sharing the results
3.33 through scientific storytelling and online
3.34 platforms.

3.35 **(f) Monitoring Minnesota's Insects: Connecting**
3.36 **Habitat to Insect Prey**

4.1 \$199,000 the second year is from the trust
4.2 fund to the Board of Regents of the University
4.3 of Minnesota to investigate the ecological
4.4 roles of and energy transfer by certain
4.5 Minnesota insects throughout their life cycles
4.6 and to train future insect researchers on field
4.7 techniques.

4.8 **(g) Determining Ambient Background PFAS**
4.9 **Concentrations in Minnesota Soils**

4.10 \$621,000 the second year is from the trust
4.11 fund to the commissioner of the Pollution
4.12 Control Agency to determine ambient
4.13 background per- and polyfluoroalkyl substance
4.14 (PFAS) levels in urban and nonurban soils to
4.15 help Minnesota develop management
4.16 strategies for PFAS-contaminated soils. This
4.17 appropriation is available until June 30, 2028,
4.18 by which time the project must be completed
4.19 and final products delivered.

4.20 **(h) Investigating Life History Characteristics of**
4.21 **Minnesota Elk**

4.22 \$933,000 the second year is from the trust
4.23 fund to the commissioner of natural resources
4.24 to assess Minnesota elk herd health and
4.25 genetic diversity, movements, survival, and
4.26 causes of mortality and to develop a
4.27 noninvasive, safer, and more accurate method
4.28 to estimate population size. This appropriation
4.29 is available until June 30, 2028, by which time
4.30 the project must be completed and final
4.31 products delivered.

4.32 **(i) Foundational Data for Moth and Butterfly**
4.33 **Conservation**

4.34 \$195,000 the second year is from the trust
4.35 fund to the commissioner of natural resources

5.1 to perform field surveys and consolidate
5.2 existing data to create the first comprehensive
5.3 list of Minnesota moths and butterflies. This
5.4 appropriation is also to conduct outreach to
5.5 inform land managers and to facilitate public
5.6 appreciation of these species.

5.7 **(j) DNR County Groundwater Atlas**

5.8 \$3,200,000 the second year is from the trust
5.9 fund to the commissioner of natural resources
5.10 to continue producing county groundwater
5.11 atlases to inform management of surface water
5.12 and groundwater resources for drinking and
5.13 other purposes. This appropriation is for Part
5.14 B, to characterize the potential water yields of
5.15 aquifers and aquifers' sensitivity to
5.16 contamination.

5.17 **(k) Voyageurs Wolf Project - Phase III**

5.18 \$996,000 the second year is from the trust
5.19 fund to the Board of Regents of the University
5.20 of Minnesota to continue to study summertime
5.21 wolf predation on deer, moose, and other
5.22 species in the greater Voyageurs ecosystem
5.23 to inform wildlife management and to share
5.24 natural history of this species with the public.
5.25 This appropriation is available until June 30,
5.26 2028, by which time the project must be
5.27 completed and final products delivered.

5.28 **(l) Distribution and Population Status of Weasels**
5.29 **in Minnesota**

5.30 \$400,000 the second year is from the trust
5.31 fund to the Board of Regents of the University
5.32 of Minnesota for the Natural Resources
5.33 Research Institute in Duluth to determine the
5.34 distribution, relative abundance, and spatial
5.35 occupancy patterns of small weasel species in

6.1 Minnesota to fill key knowledge gaps in
6.2 weasel distribution and status in Minnesota.

6.3 **(m) Improving Aquatic Plant Knowledge for**
6.4 **Healthy Waters**

6.5 \$198,000 the second year is from the trust
6.6 fund to the commissioner of natural resources
6.7 to collect foundational data on Minnesota's
6.8 native aquatic plant biodiversity through new
6.9 and enhanced lake surveys and to disseminate
6.10 results to state resource managers, scientists,
6.11 and the public.

6.12 **(n) New Small Mammal Monitoring Methods**
6.13 **for Minnesota**

6.14 \$199,000 the second year is from the trust
6.15 fund to the Board of Regents of the University
6.16 of Minnesota for the Natural Resources
6.17 Research Institute in Duluth to develop camera
6.18 trapping methods as a new tool to collect
6.19 foundational data and fill key knowledge gaps
6.20 in the status of small mammal species in
6.21 Minnesota.

6.22 **(o) Status of Bats and Roost Trees after**
6.23 **White-Nose Syndrome**

6.24 \$195,000 the second year is from the trust
6.25 fund to the Board of Regents of the University
6.26 of Minnesota for the Natural Resources
6.27 Research Institute in Duluth to study changes
6.28 in maternity roost trees and bat populations in
6.29 the forested areas of Minnesota and to evaluate
6.30 the effects of years of white-nose syndrome
6.31 on Minnesota bats.

6.32 **(p) Sublethal Effects of Pesticides on the**
6.33 **Invertebrate Community**

6.34 \$387,000 the second year is from the trust
6.35 fund to the Board of Regents of the University

7.1 of Minnesota to provide data on pesticide
7.2 contamination in soil and the insect
7.3 community across the state and the effect of
7.4 insecticide exposure on insect reproduction.

7.5 This appropriation is available until June 30,
7.6 2029, by which time the project must be
7.7 completed and final products delivered.

7.8 **(q) Modernizing Minnesota's Plant Community**
7.9 **Classification and Field Guides**

7.10 \$1,800,000 the second year is from the trust
7.11 fund to the commissioner of natural resources
7.12 to collect additional vegetation and
7.13 environmental data and update the state's
7.14 20-year-old native plant community
7.15 classification guides to incorporate new data,
7.16 streamline user application and access to
7.17 products, and include analysis of climate and
7.18 vegetation trends. Net income generated as
7.19 part of this appropriation may be reinvested
7.20 in the project if a plan for reinvestment is
7.21 approved in the work plan. This appropriation
7.22 is subject to Minnesota Statutes, section
7.23 116P.10.

7.24 **(r) Assessing Prairie Health to Inform Pollinator**
7.25 **Conservation**

7.26 \$297,000 the second year is from the trust
7.27 fund to the Minnesota Zoological Society to
7.28 assess habitat quality and pesticide occurrence
7.29 in Minnesota prairies to help inform
7.30 management actions, endangered species
7.31 recovery plans, and pollinator reintroduction
7.32 efforts for endangered and threatened
7.33 butterflies and other wildlife.

7.34 **(s) Understanding Native Fishes in the**
7.35 **Bowfishing Era**

8.1 \$588,000 the second year is from the trust
8.2 fund to the Board of Regents of the University
8.3 of Minnesota, Duluth, to collect foundational
8.4 biological information on a selection of native
8.5 Minnesota fish to aid in sustainable
8.6 management, improve recreational
8.7 opportunities, and educate the public about
8.8 these shared aquatic resources. This
8.9 appropriation is available until June 30, 2028,
8.10 by which time the project must be completed
8.11 and final products delivered.

8.12 **(t) Preserving Minnesota Wildflower**
8.13 **Information**

8.14 \$199,000 the second year is from the trust
8.15 fund to the Board of Regents of the University
8.16 of Minnesota, Bell Museum of Natural
8.17 History, to preserve and enhance Minnesota
8.18 Wildflowers Information, an online tool for
8.19 plant identification, by integrating the content
8.20 and functionality of the website with the
8.21 Minnesota Biodiversity Atlas for public use
8.22 as required by Laws 2017, chapter 96, section
8.23 2, subdivision 3, paragraph (e).

8.24 **(u) White-Tailed Deer Movement and Disease**
8.25 **in Suburban Areas**

8.26 \$699,000 the second year is from the trust
8.27 fund to the Board of Regents of the University
8.28 of Minnesota to better understand white-tailed
8.29 deer movement, habitat use, and disease
8.30 dynamics at the suburban-agricultural interface
8.31 to inform more efficient deer management and
8.32 disease control.

8.33 **(v) Highly Pathogenic Avian Influenza and**
8.34 **Minnesota Raptors**

9.1 \$187,000 the second year is from the trust
9.2 fund to the Board of Regents of the University
9.3 of Minnesota for the Raptor Center to evaluate
9.4 Minnesota raptors for current or past infections
9.5 with highly pathogenic avian influenza virus
9.6 to better understand disease transmission and
9.7 outbreak impacts on raptor populations.

9.8 **(w) Geologic Atlases for Water Resource**
9.9 **Management**

9.10 \$1,236,000 the second year is from the trust
9.11 fund to the Board of Regents of the University
9.12 of Minnesota, Minnesota Geological Survey,
9.13 to continue producing county geologic atlases
9.14 to inform management of surface water and
9.15 groundwater resources. This appropriation is
9.16 to complete Part A, which focuses on the
9.17 properties and distribution of earth materials
9.18 to define aquifer boundaries and the
9.19 connection of aquifers to the land surface and
9.20 surface water resources.

9.21 **(x) Remote Sensing for Pollinator Habitat**

9.22 \$180,000 the second year is from the trust
9.23 fund to the commissioner of natural resources
9.24 for an agreement with Monarch Joint Venture
9.25 to use remote sensing technology to evaluate
9.26 pollinator habitat on energy and transportation
9.27 corridors across Minnesota and to host
9.28 field-day training workshops.

9.29 **(y) Harnessing Cover Crops and Roots for**
9.30 **Sustainable Cropping**

9.31 \$375,000 the second year is from the trust
9.32 fund to the Board of Regents of the University
9.33 of Minnesota to determine carbon
9.34 sequestration, nitrogen credit potential, water
9.35 use, and performance of cover crops in

10.1 corn-soybean and corn-soybean-wheat
10.2 rotations in southern Minnesota.

10.3 **(z) Effects of Conservation Grazing on Solar**
10.4 **Sites Managed for Pollinator Habitat**

10.5 \$88,000 the second year is from the trust fund
10.6 to the commissioner of natural resources for
10.7 an agreement with Minnesota Native
10.8 Landscapes, in partnership with Temple
10.9 University, to analyze the effects of sheep
10.10 grazing and mowing on the vegetation and
10.11 soils of solar sites managed for pollinator
10.12 habitat and to improve understanding of the
10.13 environmental outcomes from the colocation
10.14 of solar panels; grazing; and native,
10.15 pollinator-friendly vegetation. This
10.16 appropriation is available until June 30, 2029,
10.17 by which time the project must be completed
10.18 and final products delivered.

10.19 **(aa) Genetic Detection of Endangered Mussels**
10.20 **in the Mississippi**

10.21 \$241,000 the second year is from the trust
10.22 fund to the commissioner of natural resources
10.23 for an agreement with the United States
10.24 Geological Survey, Ohio Water Microbiology
10.25 Lab, to create, optimize, and use eDNA assays
10.26 to detect the presence of endangered or
10.27 threatened mussel species around Buffalo
10.28 Slough near the Prairie Island Indian
10.29 Community.

10.30 **(bb) Integrated Population Modeling for**
10.31 **Trumpeter Swans**

10.32 \$180,000 the second year is from the trust
10.33 fund to the Board of Regents of the University
10.34 of Minnesota to compile and use all available
10.35 data to model historical population abundance

11.1 and estimate future population dynamics of
11.2 Minnesota trumpeter swans.

11.3 Subd. 4. **Water Resources** -0- 6,924,000

11.4 **(a) Hyperspectral Characterization of Toxic**
11.5 **Harmful Algal Blooms**

11.6 \$399,000 the second year is from the trust
11.7 fund to the Board of Regents of the University
11.8 of Minnesota, St. Anthony Falls Laboratory,
11.9 to investigate the use of hyperspectral
11.10 microscopic imaging to detect harmful algal
11.11 bloom (HAB) species and toxicity levels in
11.12 Minnesota lakes that will support the
11.13 development of HAB early-warning remote
11.14 sensing tools. This appropriation is subject to
11.15 Minnesota Statutes, section 116P.10, and is
11.16 available until June 30, 2028, by which time
11.17 the project must be completed and final
11.18 products delivered.

11.19 **(b) Characterization of Chemicals in Structural**
11.20 **Fire Wastewater**

11.21 \$369,000 the second year is from the trust
11.22 fund to the Board of Regents of the University
11.23 of Minnesota to identify, analyze, and model
11.24 the fate of chemicals present in wastewater
11.25 from extinguished structural fires to better
11.26 understand potential toxicity to humans and
11.27 aquatic life.

11.28 **(c) Climate Change and Management Effects**
11.29 **on Methane Cycling in Lakes**

11.30 \$540,000 the second year is from the trust
11.31 fund to the Board of Regents of the University
11.32 of Minnesota to collect monitoring data and
11.33 create a model to measure the effects of
11.34 increased temperature and precipitation on
11.35 lake and wetland water quality, habitat, and

12.1 greenhouse gas emissions and evaluate lake
12.2 management options under changing climate
12.3 conditions.

12.4 **(d) Enhancing Wastewater Treatment through**
12.5 **Genetic Sequencing**

12.6 \$553,000 the second year is from the trust
12.7 fund to the Board of Regents of the University
12.8 of Minnesota to generate genome sequences
12.9 for and assess the ability of bacteria growing
12.10 in wastewater treatment bioreactors to improve
12.11 phosphorus and nitrogen removal from
12.12 wastewater in Minnesota and to produce novel
12.13 pharmaceutical compounds. This appropriation
12.14 is subject to Minnesota Statutes, section
12.15 116P.10.

12.16 **(e) Improving Water Efficiency Programming**
12.17 **with Measurable Outcomes**

12.18 \$200,000 the second year is from the trust
12.19 fund to the commissioner of natural resources
12.20 for an agreement with the city of Woodbury
12.21 to accelerate the implementation of new and
12.22 innovative water efficiency programs to
12.23 conserve water and serve as a model for other
12.24 communities.

12.25 **(f) Fluorine Beyond PFAS: Pesticide and**
12.26 **Pharmaceutical Degradation**

12.27 \$400,000 the second year is from the trust
12.28 fund to the Board of Regents of the University
12.29 of Minnesota to identify fluorinated pesticides
12.30 and pharmaceuticals that degrade into
12.31 potentially persistent or toxic byproducts and
12.32 to analyze the microbes, processes, and
12.33 conditions involved to inform bioremediation
12.34 and development of more sustainable
12.35 chemistries.

13.1 **(g) Novel Nutrient Recovery Process from**
13.2 **Wastewater Treatment Plants**

13.3 \$486,000 the second year is from the trust
13.4 fund to the Board of Regents of the University
13.5 of Minnesota to continue to develop an
13.6 integrated process to promote nutrient removal
13.7 and recovery and renewable energy production
13.8 at rural municipal and industrial wastewater
13.9 treatment plants. This appropriation is subject
13.10 to Minnesota Statutes, section 116P.10.

13.11 **(h) Visitor Perceptions of Water Quality to Aid**
13.12 **Lake Management**

13.13 \$379,000 the second year is from the trust
13.14 fund to the Board of Regents of the University
13.15 of Minnesota, Humphrey School of Public
13.16 Affairs, to conduct an analysis of lake visitor
13.17 perceptions, management actions, and water
13.18 quality to inform lake management.

13.19 **(i) Wildfire Impacts on Mercury Cycling in**
13.20 **Wilderness Lakes**

13.21 \$297,000 the second year is from the trust
13.22 fund to the Board of Regents of the University
13.23 of Minnesota for the Natural Resources
13.24 Research Institute in Duluth to evaluate the
13.25 long-term effects of wildfires on lake water
13.26 quality, mercury mobilization, and mercury
13.27 bioaccumulation in fish and to develop
13.28 predictive tools that inform management and
13.29 help protect the health of fisheries and
13.30 manoomin in wilderness lakes.

13.31 **(j) Flood and Drought Modeling for Minnesota**

13.32 \$499,000 the second year is from the trust
13.33 fund to the Board of Regents of the University
13.34 of Minnesota to compile new and existing data
13.35 and develop a tool to provide cities and

14.1 watershed districts with quantitative estimates
14.2 of the effects of land use and climate change
14.3 on floods and droughts.

14.4 **(k) Breaking the PFAS Cycle with a Full-Scale**
14.5 **Demonstration**

14.6 \$1,481,000 the second year is from the trust
14.7 fund to the commissioner of natural resources
14.8 for an agreement with Barr Engineering
14.9 Company, in partnership with the city of St.
14.10 Cloud and the Minnesota Technical Assistance
14.11 Program (MnTAP) at the University of
14.12 Minnesota, to conduct a full-scale pilot to
14.13 evaluate supercritical water oxidation of
14.14 biosolids and drinking water treatment
14.15 residuals to destroy per- and polyfluoroalkyl
14.16 substances (PFAS) and recover energy in the
14.17 water treatment process. This appropriation is
14.18 subject to Minnesota Statutes, section 116P.10.

14.19 **(l) Are Stream Restoration Efforts Effective?**
14.20 **An Evidence-Based Assessment**

14.21 \$200,000 the second year is from the trust
14.22 fund to the commissioner of natural resources
14.23 for an agreement with Saint Mary's University
14.24 of Minnesota to assess stream habitat
14.25 improvement projects to improve trout
14.26 populations and stream health in Minnesota's
14.27 Driftless Area.

14.28 **(m) Uncovering the Past to Protect Minnesota's**
14.29 **Walleye Fisheries**

14.30 \$1,121,000 the second year is from the trust
14.31 fund to the Science Museum of Minnesota for
14.32 the St. Croix Watershed Research Station to
14.33 reconstruct historical lake conditions to
14.34 identify factors linked to successful walleye
14.35 fisheries and guide management in the face of

15.1 warming temperatures, invasive species, and
15.2 nutrient loading.

15.3 **Subd. 5. Environmental Education** -0- 11,262,000

15.4 **(a) Jay C. Hormel Nature Center Supplemental**
15.5 **Teaching Staff**

15.6 \$410,000 the second year is from the trust
15.7 fund to the commissioner of natural resources
15.8 for an agreement with the city of Austin to
15.9 continue providing environmental education
15.10 opportunities at the Jay C. Hormel Nature
15.11 Center for learners from outside the city of
15.12 Austin.

15.13 **(b) Connecting Communities to Voyageurs**
15.14 **Classroom and Minnesota's National Park**

15.15 \$994,000 the second year is from the trust
15.16 fund to the commissioner of natural resources
15.17 for an agreement with the Voyageurs
15.18 Conservancy to connect Minnesotans to the
15.19 state's only national park through
15.20 standards-aligned K-12 education,
15.21 career-building fellowships, and enhanced
15.22 programming that engages diverse audiences
15.23 in the park's conservation.

15.24 **(c) Supporting Minnesota Teachers to**
15.25 **Implement Culturally Sustaining Environmental**
15.26 **Education**

15.27 \$295,000 the second year is from the trust
15.28 fund to the Board of Regents of the University
15.29 of Minnesota to provide workshops across
15.30 Minnesota to train middle school and high
15.31 school teachers in how to meet new state
15.32 science standards by integrating western
15.33 science and Indigenous perspectives in
15.34 sustainability and water conservation
15.35 education.

16.1 **(d) Phenology Investigations in Minnesota**
16.2 **Schools**

16.3 \$392,000 the second year is from the trust
16.4 fund to the Board of Regents of the University
16.5 of Minnesota to provide professional
16.6 development workshops in greater Minnesota
16.7 for teachers to use phenology curriculum and
16.8 community science resources in environmental
16.9 education.

16.10 **(e) Get the Lead Out: Lead-Free Fishing Tackle**
16.11 **Education**

16.12 \$254,000 the second year is from the trust
16.13 fund to the commissioner of the Pollution
16.14 Control Agency to protect common loons and
16.15 wildlife through education and outreach about
16.16 the dangers of lead fishing tackle and
16.17 promoting lead-free tackle alternatives.

16.18 **(f) Water Science and Policy Fellowships for**
16.19 **Minnesota**

16.20 \$407,000 the second year is from the trust
16.21 fund to the Board of Regents of the University
16.22 of Minnesota for the Minnesota Sea Grant
16.23 College Program in Duluth to create a
16.24 fellowship program to train Minnesota's
16.25 workforce in water resource science and
16.26 policy.

16.27 **(g) Mentoring Next Generation of Conservation**
16.28 **Professionals - Phase 2**

16.29 \$793,000 the second year is from the trust
16.30 fund to the commissioner of natural resources
16.31 for an agreement with the Minnesota Valley
16.32 National Wildlife Refuge Trust, Inc. to provide
16.33 paid internships and apprenticeships for
16.34 diverse young people to learn about careers
16.35 in the conservation field from United States

17.1 Fish and Wildlife Service professionals while
17.2 working at the Minnesota Valley National
17.3 Wildlife Refuge and Wetland Management
17.4 District.

17.5 **(h) Restoring Land, Reviving Heritage:**
17.6 **Indigenous Conservation - Phase 2**

17.7 \$688,000 the second year is from the trust
17.8 fund to the commissioner of natural resources
17.9 for an agreement with Belwin Conservancy,
17.10 in partnership with Anishinabe Academy and
17.11 other urban Indigenous-based schools and
17.12 youth programs, to continue to conduct
17.13 native-led environmental education
17.14 programming that incorporates ecology and
17.15 Indigenous land traditions. This appropriation
17.16 is also to restore and enhance habitat on
17.17 permanently protected Belwin Conservancy
17.18 lands using modern scientific standards and
17.19 traditional ecological knowledge.

17.20 **(i) Unlocking Minnesota Wilderness for Youth**

17.21 \$705,000 the second year is from the trust
17.22 fund to the commissioner of natural resources
17.23 for an agreement with YMCA of the North to
17.24 engage underserved youth in hands-on
17.25 environmental education by expanding Unlock
17.26 It!, a self-guided, interactive, and nature-based
17.27 scavenger hunt, to open spaces and campuses
17.28 across the state.

17.29 **(j) Outdoor Pathways to Environmental**
17.30 **Education, Recreation, and Careers**

17.31 \$1,500,000 the second year is from the trust
17.32 fund to the commissioner of natural resources
17.33 for an agreement with Wilderness Inquiry to
17.34 promote equity in access to outdoor activities,
17.35 places, and careers by providing Minnesotans

18.1 with a continuum of outdoor experiences from
18.2 the backyard to the backcountry, implementing
18.3 environmental education curriculum for youth,
18.4 and delivering professional development
18.5 workshops for educators.

18.6 **(k) Increasing Access to Environmental**
18.7 **Education Youth Camps**

18.8 \$163,000 the second year is from the trust
18.9 fund to the commissioner of natural resources
18.10 for an agreement with the Osprey Wilds
18.11 Environmental Learning Center to provide
18.12 hands-on environmental education learning
18.13 opportunities to underserved children through
18.14 scholarships and transportation to Osprey
18.15 Wilds' day-use and residential summer camps.

18.16 **(l) Launching Environmental Education at**
18.17 **Shepard Farm**

18.18 \$639,000 the second year is from the trust
18.19 fund to the commissioner of natural resources
18.20 for an agreement with the Dodge Nature
18.21 Center to build partnerships with South
18.22 Washington County Schools and provide
18.23 standards-aligned, outdoor experiences and
18.24 hands-on learning at Shepard Farm for
18.25 Minnesota K-6 youth to increase their
18.26 environmental skills and knowledge.

18.27 **(m) YES! Students Step Up to Reduce Carbon**
18.28 **Footprint**

18.29 \$199,000 the second year is from the trust
18.30 fund to the commissioner of natural resources
18.31 for an agreement with Prairie Woods
18.32 Environmental Learning Center to empower
18.33 Minnesota youth to reduce their carbon
18.34 footprints through education from local experts

19.1 and completion of student-driven and
19.2 community-based team projects.

19.3 **(n) The Boundary Waters Is Our Backyard**

19.4 \$500,000 the second year is from the trust
19.5 fund to the commissioner of natural resources
19.6 for an agreement with Friends of the Boundary
19.7 Waters Wilderness to connect students from
19.8 northeastern Minnesota to the Boundary
19.9 Waters Canoe Area Wilderness through
19.10 grade-wide day trips and overnight wilderness
19.11 experiences.

19.12 **(o) Season Watch: Cultivating Young Naturalists**
19.13 **with Phenology Education**

19.14 \$180,000 the second year is from the trust
19.15 fund to the commissioner of natural resources
19.16 for an agreement with Northern Community
19.17 Radio, Inc. to continue to build the next
19.18 generation of Minnesota conservationists by
19.19 delivering engaging environmental
19.20 programming to northern Minnesota through
19.21 radio and podcasts, hosting phenology training
19.22 and interactive nature events for K-12
19.23 students, and expanding KAXE coverage of
19.24 environmental topics to a digital audience.

19.25 **(p) Rural Minnesota Mobile Lab:**
19.26 **Environment-Focused Earth Science Education**

19.27 \$459,000 the second year is from the trust
19.28 fund to the Board of Regents of the University
19.29 of Minnesota, Crookston, to create a mobile
19.30 lab and deliver innovative standards-based
19.31 environmental education to students and
19.32 educators at underserved, underrepresented
19.33 schools and at community events in northwest
19.34 Minnesota.

20.1 **(q) Increasing Accessibility of Environmental**
20.2 **Education at Deep Portage**

20.3 \$228,000 the second year is from the trust
20.4 fund to the commissioner of natural resources
20.5 for an agreement with Deep Portage Learning
20.6 Center to enhance the accessibility of
20.7 environmental education and outdoor
20.8 recreation at Deep Portage Learning Center
20.9 through projects that provide opportunities
20.10 and support independence for physically
20.11 disabled students visiting the campus.

20.12 **(r) College-School Collaboration to Promote**
20.13 **Environmental Career Paths**

20.14 \$174,000 the second year is from the trust
20.15 fund to the Board of Trustees of the Minnesota
20.16 State Colleges and Universities for Minnesota
20.17 State University, Mankato, to build
20.18 partnerships among natural resource
20.19 professionals, colleges, and schools in
20.20 southern Minnesota to expose youth to outdoor
20.21 experiences, environmental issues, and natural
20.22 resource career paths through internships, field
20.23 trips, and environmental projects.

20.24 **(s) Water Quality and Robots: Experientially**
20.25 **Educating Minnesotan Youth**

20.26 \$353,000 the second year is from the trust
20.27 fund to the Board of Regents of the University
20.28 of Minnesota to provide opportunities for
20.29 middle school youth to develop skills for
20.30 measuring water quality using robotic
20.31 water-quality sensing kits and communicating
20.32 results through group study and hands-on
20.33 projects.

20.34 **(t) Expanding Youth and Family Fishing**
20.35 **Opportunities**

21.1 \$1,162,000 the second year is from the trust
 21.2 fund to the commissioner of natural resources
 21.3 to expand fishing opportunities in urban areas,
 21.4 teach more youth and families how to fish,
 21.5 and inventory and inform the public about safe
 21.6 and legal shore-fishing sites throughout
 21.7 Minnesota.

21.8 **(u) Youth Conservation Empowerment Project**

21.9 \$70,000 the second year is from the trust fund
 21.10 to the Board of Regents of the University of
 21.11 Minnesota, Extension Center for Youth
 21.12 Development, to partner with Winona and
 21.13 Rochester alternative learning centers to
 21.14 connect, engage, and empower youth from
 21.15 underserved, culturally diverse, and
 21.16 low-income communities in year-long
 21.17 activities focused on nature, outdoors skills,
 21.18 and environmental service-learning.

21.19 **(v) North Minneapolis Nature Connection:**
 21.20 **Storytelling and Leadership Pathways**

21.21 \$697,000 the second year is from the trust
 21.22 fund to the commissioner of natural resources
 21.23 for an agreement with The Loppet Foundation
 21.24 to promote urban nature connections for North
 21.25 Minneapolis residents through storytelling,
 21.26 nature and environmental justice programs,
 21.27 and environmental leadership pathways for
 21.28 high schoolers and young adults.

21.29 **Subd. 6. Aquatic and Terrestrial Invasive**
 21.30 **Species**

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8,304,000

21.31 **(a) Minnesota Invasive Terrestrial Plants and**
 21.32 **Pests Center - Phase 7**

21.33 \$7,000,000 the second year is from the trust
 21.34 fund to the Board of Regents of the University
 21.35 of Minnesota, Minnesota Invasive Terrestrial

22.1 Plants and Pests Center, for high-priority
22.2 research projects to better manage invasive
22.3 plants, pathogens, and pests on Minnesota's
22.4 natural and agricultural lands. This
22.5 appropriation is subject to Minnesota Statutes,
22.6 section 116P.10, and is available until June
22.7 30, 2030, by which time the project must be
22.8 completed and final products delivered.

22.9 **(b) Mitigating the Spread of Invasive Jumping**
22.10 **Worms**

22.11 \$470,000 the second year is from the trust
22.12 fund to the Board of Regents of the University
22.13 of Minnesota to develop integrated pest
22.14 management strategies to mitigate the threat
22.15 that invasive jumping worms pose to soil
22.16 organic matter and seedlings in Minnesota
22.17 forests.

22.18 **(c) Implementing Innovative Techniques to**
22.19 **Manage Low-Density Invasive Carp**

22.20 \$634,000 the second year is from the trust
22.21 fund to the commissioner of natural resources
22.22 to implement new and innovative methods and
22.23 to enhance ongoing efforts to detect, monitor,
22.24 and remove invasive carp and to evaluate
22.25 watershed boundaries for potential breaches
22.26 to avoid invasive carp establishment in
22.27 Minnesota.

22.28 **(d) Early Detection of Invasive Viruses in Native**
22.29 **Pollinators**

22.30 \$200,000 the second year is from the trust
22.31 fund to the Board of Regents of the University
22.32 of Minnesota to create a baseline inventory of
22.33 the quantity and diversity of viruses in, and
22.34 determine the threat of these viruses to,
22.35 Minnesota native bees.

23.1	<u>Subd. 7. Air Quality, Climate Change, and</u>		
23.2	<u>Renewable Energy</u>	<u>-0-</u>	<u>4,833,000</u>
23.3	<u>(a) Minimizing Minnesota's Landfill Problem</u>		
23.4	<u>by Expanding Waste Diversion</u>		
23.5	<u>\$2,318,000 the second year is from the trust</u>		
23.6	<u>fund to the commissioner of natural resources</u>		
23.7	<u>for an agreement with Better Futures</u>		
23.8	<u>Minnesota to establish a statewide network</u>		
23.9	<u>for sourcing reclaimed building materials;</u>		
23.10	<u>create a tool for cities, counties, and businesses</u>		
23.11	<u>to report environmental impacts of waste</u>		
23.12	<u>diversion; and divert waste from landfills</u>		
23.13	<u>through collections, deconstructing buildings,</u>		
23.14	<u>and converting waste into finished goods. Net</u>		
23.15	<u>income generated by Better Futures Minnesota</u>		
23.16	<u>as part of this appropriation may be reinvested</u>		
23.17	<u>in the project if a plan for reinvestment is</u>		
23.18	<u>approved in the work plan.</u>		
23.19	<u>(b) Building Resilient Urban Forests for Climate</u>		
23.20	<u>Change</u>		
23.21	<u>\$752,000 the second year is from the trust</u>		
23.22	<u>fund to the commissioner of natural resources</u>		
23.23	<u>for an agreement with Great River Greening</u>		
23.24	<u>to partner with municipalities and school</u>		
23.25	<u>districts to create gravel-bed nurseries, conduct</u>		
23.26	<u>tree assessments and mapping, and plant</u>		
23.27	<u>climate-resilient tree species on public lands</u>		
23.28	<u>in St. Cloud, Mankato, and the Twin Cities</u>		
23.29	<u>region. This appropriation is available until</u>		
23.30	<u>June 30, 2028, by which time the project must</u>		
23.31	<u>be completed and final products delivered.</u>		
23.32	<u>(c) Improving Agricultural Ecosystems through</u>		
23.33	<u>Autonomous Weed Control</u>		
23.34	<u>\$978,000 the second year is from the trust</u>		
23.35	<u>fund to the Board of Regents of the University</u>		
23.36	<u>of Minnesota for the West Central Research</u>		

24.1

and Outreach Center at Morris to develop

24.2

green hydrogen- and solar-powered

24.3

autonomous mowers to remove weeds in row

24.4

crop fields and improve agricultural

24.5

ecosystems through reduction of herbicide and

24.6

fossil fuel use. This appropriation is subject

24.7

to Minnesota Statutes, section 116P.10.

24.8

(d) Advanced Biofilter for N₂O Removal

24.9

\$325,000 the second year is from the trust

24.10

fund to the Board of Regents of the University

24.11

of Minnesota to develop innovative and

24.12

low-cost biofilters to decrease the

24.13

concentration of nitrous oxide (N₂O) from

24.14

various point sources. This appropriation is

24.15

subject to Minnesota Statutes, section 116P.10.

24.16

(e) Managing Future Floods and Droughts in

24.17

Minnesota

24.18

\$460,000 the second year is from the trust

24.19

fund to the Board of Regents of the University

24.20

of Minnesota to leverage new statewide

24.21

climate data to assess future change in the

24.22

duration, frequency, and magnitude of heavy

24.23

precipitation and drought events and engage

24.24

communities to prepare for these extremes.

24.25

Subd. 8. Methods to Protect or Restore Land,

24.26

Water, and Habitat

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10,910,000

24.27

(a) Long-Term Preservation of Minnesota's Ball

24.28

Cactus Population

24.29

\$100,000 the second year is from the trust

24.30

fund to the Board of Regents of the University

24.31

of Minnesota for the Minnesota Landscape

24.32

Arboretum to protect Minnesota's only

24.33

population of ball cactus by supporting

24.34

population expansion and establishment,

24.35

monitoring transferred plants, and training

25.1 long-term volunteer monitors. This
25.2 appropriation is available until June 30, 2029,
25.3 by which time the project must be completed
25.4 and final products delivered.

25.5 **(b) Morrison County Historical Society**
25.6 **Streambank Stabilization and Restoration**

25.7 \$519,000 the second year is from the trust
25.8 fund to the commissioner of natural resources
25.9 for an agreement with the Morrison Soil and
25.10 Water Conservation District to stabilize and
25.11 restore land along the Mississippi River owned
25.12 by the Morrison County Historical Society
25.13 within the statutory boundaries of Charles A.
25.14 Lindbergh State Park to improve water quality
25.15 and improve aquatic and terrestrial habit. For
25.16 purposes of this appropriation, subdivision 13,
25.17 paragraph (e), does not apply. The
25.18 commissioner of natural resources may make
25.19 reasonable amounts of this appropriation
25.20 available on an advance basis to accommodate
25.21 the Morrison Soil and Water Conservation
25.22 District's cash-flow needs if a plan for the
25.23 advances is approved as part of the work plan.

25.24 **(c) Can Increased Tree Diversity Increase**
25.25 **Community Diversity?**

25.26 \$415,000 the second year is from the trust
25.27 fund to the Board of Regents of the University
25.28 of Minnesota to evaluate impacts of increasing
25.29 tree diversity on wildlife, plant and fungal
25.30 communities, and carbon storage within aspen
25.31 forests in northern Minnesota to develop best
25.32 management practices for mixed woodland
25.33 systems.

25.34 **(d) Restoration of Riverside Park**

26.1 \$141,000 the second year is from the trust
26.2 fund to the commissioner of natural resources
26.3 for an agreement with the city of Long Prairie
26.4 to improve water retention, increase native
26.5 habitat, and enhance footpaths for recreation
26.6 at Riverside Park in Todd County, Minnesota.

26.7 The project must create a net increase in
26.8 habitat, and this appropriation may not be used
26.9 to meet the conditions of any permits received
26.10 for the project.

26.11 **(e) Pollinator Central IV: Habitat Improvement**
26.12 **with Public Engagement**

26.13 \$698,000 the second year is from the trust
26.14 fund to the commissioner of natural resources
26.15 for an agreement with Great River Greening
26.16 to partner with municipalities, educational
26.17 organizations, and volunteers to create and
26.18 enhance pollinator habitat along public
26.19 corridors from Lakeville to St. Cloud and to
26.20 engage youth and the public through education
26.21 and monitoring the impact of habitat
26.22 improvements. This appropriation is available
26.23 until June 30, 2028, by which time the project
26.24 must be completed and final products
26.25 delivered.

26.26 **(f) Conservation Grazing for Birds, Beef, and**
26.27 **Better Soil**

26.28 \$342,000 the second year is from the trust
26.29 fund to the commissioner of natural resources
26.30 for an agreement with the National Audubon
26.31 Society, Minnesota office, to assess Audubon
26.32 Conservation Ranching as a strategic approach
26.33 to improve grassland biodiversity, soils, and
26.34 ecosystem resilience. This appropriation is
26.35 available until June 30, 2028, by which time

27.1 the project must be completed and final
27.2 products delivered.

27.3 **(g) Minnesota Microbes for Enhanced**
27.4 **Biodegradation of Microplastics**

27.5 \$524,000 the second year is from the trust
27.6 fund to the Board of Regents of the University
27.7 of Minnesota to investigate the potential of
27.8 natural and indigenous microbes to biodegrade
27.9 conventional plastics in contaminated soils
27.10 and waters across the state. This appropriation
27.11 is subject to Minnesota Statutes, section
27.12 116P.10.

27.13 **(h) Completing the Mississippi River Greenway:**
27.14 **Dakota County**

27.15 \$657,000 the second year is from the trust
27.16 fund to the commissioner of natural resources
27.17 for an agreement with Dakota County to
27.18 restore and enhance habitat on public lands,
27.19 establish linear native plantings, and install
27.20 electric-vehicle charging stations within and
27.21 along the 27-mile Mississippi River Greenway
27.22 in Dakota County. Net income generated as
27.23 part of this appropriation may be reinvested
27.24 in the project if a plan for reinvestment is
27.25 approved in the work plan. This appropriation
27.26 is subject to Minnesota Statutes, section
27.27 116P.10, and is available until June 30, 2028,
27.28 by which time the project must be completed
27.29 and final products delivered.

27.30 **(i) Enabling Nature to Destroy Environmental**
27.31 **PFAS Contaminants**

27.32 \$378,000 the second year is from the trust
27.33 fund to the Board of Regents of the University
27.34 of Minnesota to identify enzymes and
27.35 microbes that can break down soil-based per-

28.1 and polyfluoroalkyl substances (PFAS) into
28.2 nontoxic elements. This appropriation is
28.3 subject to Minnesota Statutes, section 116P.10.

28.4 **(j) Bioacoustics for Species Monitoring and**
28.5 **Conservation - Phase 2**

28.6 \$568,000 the second year is from the trust
28.7 fund to the Board of Regents of the University
28.8 of Minnesota to assess avian diversity at the
28.9 statewide scale by developing a citizen science
28.10 bioacoustics monitoring program with an
28.11 initial focus on private lands.

28.12 **(k) Preventing PFAS and Microplastics**
28.13 **Contaminants Across Minnesota**

28.14 \$656,000 the second year is from the trust
28.15 fund to the Board of Regents of the University
28.16 of Minnesota to help stop the flow of per- and
28.17 polyfluoroalkyl substances (PFAS) and
28.18 microplastics contaminants into Minnesota's
28.19 environment by developing strategies and
28.20 technologies to manage solid waste streams
28.21 on site. This appropriation is subject to
28.22 Minnesota Statutes, section 116P.10.

28.23 **(l) Shingle Creek Aquatic and Shoreline Habitat**
28.24 **Enhancement**

28.25 \$1,100,000 the second year is from the trust
28.26 fund to the commissioner of natural resources
28.27 for an agreement with the Minneapolis Park
28.28 and Recreation Board to plan and restore a
28.29 section of Shingle Creek in north Minneapolis
28.30 with native aquatic and shoreline vegetation,
28.31 channel and bank modification, and natural
28.32 stream features. This appropriation is also to
28.33 monitor plant and animal health following
28.34 construction to ensure that the ecological
28.35 functioning of the creek corridor is restored.

29.1 This appropriation is available until June 30,
29.2 2030, by which time the project must be
29.3 completed and final products delivered.

29.4 **(m) LiDAR Technology to Help Prevent Wildlife**
29.5 **Fatalities from Wind Turbines**

29.6 \$525,000 the second year is from the trust
29.7 fund to the Board of Regents of the University
29.8 of Minnesota to create a low-cost and
29.9 advanced LiDAR system to detect bats and
29.10 birds approaching wind turbines that may be
29.11 used in concert with deterrence or impact
29.12 avoidance methods to prevent collisions. This
29.13 appropriation is subject to Minnesota Statutes,
29.14 section 116P.10.

29.15 **(n) Road Salt Pollution of Surface Waters from**
29.16 **Groundwater**

29.17 \$622,000 the second year is from the trust
29.18 fund to the Board of Regents of the University
29.19 of Minnesota to inform source-reduction
29.20 efforts by developing a model to identify hot
29.21 spots where road-salt-contaminated
29.22 groundwater leads to chloride pollution of
29.23 surface waters.

29.24 **(o) Growing the Minnesota Bison Conservation**
29.25 **Herd**

29.26 \$1,775,000 the second year is from the trust
29.27 fund to the commissioner of natural resources
29.28 to reintroduce bison to Camden State Park as
29.29 part of a statewide effort to preserve the
29.30 American Plains bison genome.
29.31 Reintroduction includes the design,
29.32 construction, and installation of fencing, a
29.33 handling facility, signage, exhibits, and other
29.34 site improvements. This appropriation is
29.35 available until June 30, 2030, by which time

30.1 the project must be completed and final
30.2 products delivered.

30.3 **(p) Priority Lakes: Meeting Protection Goals**
30.4 **and Multiplying Benefits**

30.5 \$1,890,000 the second year is from the trust
30.6 fund to the commissioner of natural resources
30.7 for an agreement with the Hubbard County
30.8 Soil and Water Conservation District, in
30.9 cooperation with Minnesota Land Trust, to
30.10 protect habitat, forest health, and water quality
30.11 in the best fishing lakes by creating lake
30.12 implementation action plans, conducting
30.13 community-based habitat restorations and
30.14 improvements, and protecting forest lands with
30.15 conservation easements and Sustainable Forest
30.16 Incentive Act (SFIA) enrollments within
30.17 prioritized areas of the upper Mississippi River
30.18 basin in Hubbard County. Of this amount, up
30.19 to \$168,000 is for deposit in a monitoring fund
30.20 to be used by Minnesota Land Trust as
30.21 approved in the work plan and subject to
30.22 Minnesota Statutes, section 116P.20.

30.23 **Subd. 9. Land Acquisition, Habitat, and**
30.24 **Recreation**

30.25 **(a) Minnesota Driftless Hiking Trail**

30.26 \$426,000 the second year is from the trust
30.27 fund to the commissioner of natural resources
30.28 for an agreement with Minnesota Driftless
30.29 Hiking Trail to plan, design a route for, secure
30.30 access for, develop community support for,
30.31 and begin construction of a backpacking-
30.32 focused trail across southeast Minnesota's
30.33 Driftless Area. Construction of trails with this
30.34 appropriation must occur on public or
30.35 permanently protected lands or lands secured

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31.1 through long-term agreements as defined in
31.2 the approved work plan. A trail plan must be
31.3 complete before money is used for trail
31.4 construction. Before this appropriation is
31.5 spent, a fiscal agent for Minnesota Driftless
31.6 Hiking Trail must be approved in the work
31.7 plan.

31.8 **(b) Local Parks, Trails, and Natural Areas Grant**
31.9 **Programs**

31.10 \$4,791,000 the second year is from the trust
31.11 fund to the commissioner of natural resources
31.12 to solicit and rank applications and fund
31.13 competitive matching grants for local parks,
31.14 trail connections, and natural and scenic areas
31.15 under Minnesota Statutes, section 85.019. This
31.16 appropriation is for local nature-based
31.17 recreation, connections to regional and state
31.18 natural areas, and recreation facilities and may
31.19 not be used for athletic facilities, such as sport
31.20 fields, courts, or playgrounds.

31.21 **(c) Acquisition of State Park Inholdings**

31.22 \$1,886,000 the second year is from the trust
31.23 fund to the commissioner of natural resources
31.24 for an agreement with the Parks & Trails
31.25 Council of Minnesota to complete efficient,
31.26 time-sensitive acquisitions of high-priority
31.27 state park inholdings from willing sellers,
31.28 deconstruct buildings and reuse building
31.29 materials, and convey properties to the state
31.30 to protect and enhance Minnesota's
31.31 environment and public recreation
31.32 opportunities. This appropriation may not be
31.33 used to purchase habitable residential
31.34 structures.

32.1 **(d) Scientific and Natural Area (SNA)**

32.2 **Biodiversity Protection**

32.3 \$957,000 the second year is from the trust
32.4 fund to the commissioner of natural resources
32.5 to strategically acquire from willing sellers
32.6 high-quality lands that meet criteria for
32.7 scientific and natural areas under Minnesota
32.8 Statutes, section 86A.05. This appropriation
32.9 is available until June 30, 2028, by which time
32.10 the project must be completed and final
32.11 products delivered.

32.12 **(e) Metropolitan Regional Parks System Land**

32.13 **Acquisition - Phase 8**

32.14 \$3,000,000 the second year is from the trust
32.15 fund to the Metropolitan Council to acquire
32.16 land within the approved boundaries of the
32.17 metropolitan regional park system. This
32.18 appropriation must be matched by an equal
32.19 amount from a combination of Metropolitan
32.20 Council and local agency money. This
32.21 appropriation is available until June 30, 2028,
32.22 by which time the project must be completed
32.23 and final products delivered.

32.24 **(f) Zumbro River Regional Water Trail**

32.25 \$170,000 the second year is from the trust
32.26 fund to the commissioner of natural resources
32.27 for an agreement with the city of Oronoco to
32.28 complete a master plan for the Zumbro River
32.29 Regional Water Trail that considers existing
32.30 amenities, connections from towns to natural
32.31 features, and improved user experience. This
32.32 appropriation may also be used to create a
32.33 joint powers board among the four counties
32.34 and multiple jurisdictions connected to the

33.1 Zumbro River to guide the master plan
33.2 development.

33.3 **(g) Spring Lake Park Reserve Restoration and**
33.4 **River Access**

33.5 \$2,925,000 the second year is from the trust
33.6 fund to the commissioner of natural resources
33.7 for an agreement with Dakota County to create
33.8 a nonmotorized boat launch; complete a
33.9 cultural resource management plan; construct
33.10 hiking trails; and restore prairie, woodland,
33.11 and savanna along the Mississippi River in
33.12 Spring Lake Park Reserve. This appropriation
33.13 is available until June 30, 2028, by which time
33.14 the project must be completed and final
33.15 products delivered.

33.16 **(h) Minnesota State Trails Development**

33.17 \$5,036,000 the second year is from the trust
33.18 fund to the commissioner of natural resources
33.19 to expand recreational opportunities on
33.20 Minnesota state trails by rehabilitating and
33.21 enhancing existing state trails and replacing
33.22 or repairing existing state trail bridges. The
33.23 high-priority trail bridges to be rehabilitated
33.24 or replaced under this appropriation include
33.25 but are not limited to those on the Arrowhead,
33.26 Great River Ridge, C.J. Ramstad-Northshore,
33.27 Harmony-Preston Valley, Shooting Star, and
33.28 Minnesota Valley State Trails and the
33.29 Pengilly-Alborn Railroad Trail. High-priority
33.30 trail segments to develop and enhance include
33.31 but are not limited to the Brown's Creek,
33.32 Gitchi Gami, Minnesota Valley, Root River,
33.33 and Cuyuna Lakes State Trails. This
33.34 appropriation is available until June 30, 2028,

34.1 by which time the project must be completed
 34.2 and final products delivered.

34.3 **(i) Birch Lake Marina Design**

34.4 \$197,000 the second year is from the trust
 34.5 fund to the commissioner of natural resources
 34.6 for an agreement with the city of Babbitt to
 34.7 design a new marina at the Birch Lake
 34.8 Recreation Area in Babbitt, Minnesota.

34.9 **(j) Dent and Vergas Spur Trails**

34.10 \$934,000 the second year is from the trust
 34.11 fund to the commissioner of natural resources
 34.12 for an agreement with Otter Tail County to
 34.13 construct a trail along County State-Aid
 34.14 Highway 35 to connect the cities of Dent and
 34.15 Vergas to the Heart of the Lakes Regional
 34.16 Trail and Maplewood State Park to provide
 34.17 recreation and nonmotorized transportation
 34.18 opportunities.

34.19 **Subd. 10. Administration, Emerging Issues, and**
 34.20 **Contract Agreement Reimbursement**

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2,096,000

34.21 **(a) LCCMR Budget Supplement**

34.22 \$750,000 the second year is from the trust
 34.23 fund to the Legislative-Citizen Commission
 34.24 on Minnesota Resources for administration in
 34.25 accordance with Minnesota Statutes, section
 34.26 116P.09, subdivision 5. This appropriation is
 34.27 available until June 30, 2025. Notwithstanding
 34.28 Minnesota Statutes, section 116P.11,
 34.29 paragraph (b), Minnesota Statutes, section
 34.30 16A.281, applies to this appropriation.

34.31 **(b) Emerging Issues 2024**

34.32 \$1,071,000 the second year is from the trust
 34.33 fund to the Legislative-Citizen Commission
 34.34 on Minnesota Resources for an emerging

35.1 issues account authorized in Minnesota
35.2 Statutes, section 116P.08, subdivision 4,
35.3 paragraph (d).

35.4 **(c) 2024 Contract Agreement Reimbursement**

35.5 \$275,000 the second year is from the trust
35.6 fund to the commissioner of natural resources,
35.7 at the direction of the Legislative-Citizen
35.8 Commission on Minnesota Resources, for
35.9 expenses incurred in preparing and
35.10 administering contracts, including for the
35.11 agreements specified in this section.

35.12 **Subd. 11. Availability of appropriations**

35.13 Money appropriated in this section may not
35.14 be spent on activities unless they are directly
35.15 related to and necessary for a specific
35.16 appropriation and are specified in the work
35.17 plan approved by the Legislative-Citizen
35.18 Commission on Minnesota Resources. Money
35.19 appropriated in this section must not be spent
35.20 on indirect costs or other institutional overhead
35.21 charges that are not directly related to and
35.22 necessary for a specific appropriation. Costs
35.23 that are directly related to and necessary for
35.24 an appropriation, including financial services,
35.25 human resources, information services, rent,
35.26 and utilities, are eligible only if the costs can
35.27 be clearly justified and individually
35.28 documented specific to the appropriation's
35.29 purpose and would not be generated by the
35.30 recipient but for receipt of the appropriation.

35.31 No broad allocations for costs in either dollars
35.32 or percentages are allowed. Unless otherwise
35.33 provided, the amounts in this section are
35.34 available for three years beginning July 1,
35.35 2024, and ending June 30, 2027, when projects

36.1 must be completed and final products
36.2 delivered. For acquisition of real property, the
36.3 appropriations in this section are available for
36.4 an additional fiscal year if a binding contract
36.5 for acquisition of the real property is entered
36.6 into before the expiration date of the
36.7 appropriation. If a project receives a federal
36.8 award, the period of the appropriation is
36.9 extended to equal the federal award period to
36.10 a maximum trust fund appropriation length of
36.11 six years.

36.12 **Subd. 12. Data availability requirements**

36.13 Data collected by the projects funded under
36.14 this section must conform to guidelines and
36.15 standards adopted by Minnesota IT Services.
36.16 Spatial data must also conform to additional
36.17 guidelines and standards designed to support
36.18 data coordination and distribution that have
36.19 been published by the Minnesota Geospatial
36.20 Information Office. Descriptions of spatial
36.21 data must be prepared as specified in the state's
36.22 geographic metadata guidelines and must be
36.23 submitted to the Minnesota Geospatial
36.24 Information Office. All data must be
36.25 accessible and free to the public unless made
36.26 private under the Data Practices Act,
36.27 Minnesota Statutes, chapter 13. To the extent
36.28 practicable, summary data and results of
36.29 projects funded under this section should be
36.30 readily accessible on the Internet and
36.31 identified as having received funding from the
36.32 environment and natural resources trust fund.

36.33 **Subd. 13. Project requirements**

36.34 (a) As a condition of accepting an
36.35 appropriation under this section, an agency or

37.1 entity receiving an appropriation or a party to
37.2 an agreement from an appropriation must
37.3 comply with paragraphs (b) to (m) and
37.4 Minnesota Statutes, chapter 116P, and must
37.5 submit a work plan and annual or semiannual
37.6 progress reports in the form determined by the
37.7 Legislative-Citizen Commission on Minnesota
37.8 Resources for any project funded in whole or
37.9 in part with funds from the appropriation.
37.10 Modifications to the approved work plan and
37.11 budget expenditures must be made through
37.12 the amendment process established by the
37.13 Legislative-Citizen Commission on Minnesota
37.14 Resources.

37.15 (b) A recipient of money appropriated in this
37.16 section that conducts a restoration using funds
37.17 appropriated in this section must use native
37.18 plant species according to the Board of Water
37.19 and Soil Resources' native vegetation
37.20 establishment and enhancement guidelines
37.21 and include an appropriate diversity of native
37.22 species selected to provide habitat for
37.23 pollinators throughout the growing season as
37.24 required under Minnesota Statutes, section
37.25 84.973.

37.26 (c) For all restorations conducted with money
37.27 appropriated under this section, a recipient
37.28 must prepare an ecological restoration and
37.29 management plan that, to the degree
37.30 practicable, is consistent with the
37.31 highest-quality conservation and ecological
37.32 goals for the restoration site. Consideration
37.33 should be given to soil, geology, topography,
37.34 and other relevant factors that would provide
37.35 the best chance for long-term success and

38.1 durability of the restoration project. The plan
38.2 must include the proposed timetable for
38.3 implementing the restoration, including site
38.4 preparation, establishment of diverse plant
38.5 species, maintenance, and additional
38.6 enhancement to establish the restoration;
38.7 identify long-term maintenance and
38.8 management needs of the restoration and how
38.9 the maintenance, management, and
38.10 enhancement will be financed; and take
38.11 advantage of the best-available science and
38.12 include innovative techniques to achieve the
38.13 best restoration.

38.14 (d) An entity receiving an appropriation in this
38.15 section for restoration activities must provide
38.16 an initial restoration evaluation at the
38.17 completion of the appropriation and an
38.18 evaluation three years after the completion of
38.19 the expenditure. Restorations must be
38.20 evaluated relative to the stated goals and
38.21 standards in the restoration plan, current
38.22 science, and, when applicable, the Board of
38.23 Water and Soil Resources' native vegetation
38.24 establishment and enhancement guidelines.
38.25 The evaluation must determine whether the
38.26 restorations are meeting planned goals,
38.27 identify any problems with implementing the
38.28 restorations, and, if necessary, give
38.29 recommendations on improving restorations.
38.30 The evaluation must be focused on improving
38.31 future restorations.

38.32 (e) All restoration and enhancement projects
38.33 funded with money appropriated in this section
38.34 must be on land permanently protected by a
38.35 conservation easement or public ownership.

- 39.1 (f) A recipient of money from an appropriation
39.2 under this section must give consideration to
39.3 contracting with Conservation Corps
39.4 Minnesota for contract restoration and
39.5 enhancement services.
- 39.6 (g) All conservation easements acquired with
39.7 money appropriated under this section must:
- 39.8 (1) be permanent;
- 39.9 (2) specify the parties to the easement in the
39.10 easement document;
- 39.11 (3) specify all provisions of an agreement that
39.12 are permanent;
- 39.13 (4) be sent to the Legislative-Citizen
39.14 Commission on Minnesota Resources in an
39.15 electronic format at least 20 business days
39.16 before closing;
- 39.17 (5) include a long-term monitoring and
39.18 enforcement plan and funding for monitoring
39.19 and enforcing the easement agreement; and
- 39.20 (6) include requirements in the easement
39.21 document to protect the quantity and quality
39.22 of groundwater and surface water through
39.23 specific activities, such as keeping water on
39.24 the landscape, reducing nutrient and
39.25 contaminant loading, and not permitting
39.26 artificial hydrological modifications.
- 39.27 (h) For any acquisition of lands or interest in
39.28 lands, a recipient of money appropriated under
39.29 this section must not agree to pay more than
39.30 100 percent of the appraised value for a parcel
39.31 of land using this money to complete the
39.32 purchase, in part or in whole, except that up
39.33 to ten percent above the appraised value may

40.1 be allowed to complete the purchase, in part
40.2 or in whole, using this money if permission is
40.3 received in advance of the purchase from the
40.4 Legislative-Citizen Commission on Minnesota
40.5 Resources.

40.6 (i) For any acquisition of land or interest in
40.7 land, a recipient of money appropriated under
40.8 this section must give priority to high-quality
40.9 natural resources or conservation lands that
40.10 provide natural buffers to water resources.

40.11 (j) For new lands acquired with money
40.12 appropriated under this section, a recipient
40.13 must prepare an ecological restoration and
40.14 management plan in compliance with
40.15 paragraph (c), including sufficient funding for
40.16 implementation unless the work plan addresses
40.17 why a portion of the money is not necessary
40.18 to achieve a high-quality restoration.

40.19 (k) To ensure public accountability for using
40.20 public funds, a recipient of money
40.21 appropriated under this section must, within
40.22 60 days of a land acquisition, provide to the
40.23 Legislative-Citizen Commission on Minnesota
40.24 Resources documentation of the selection
40.25 process used to identify parcels acquired and
40.26 provide documentation of all related
40.27 transaction costs, including but not limited to
40.28 appraisals, legal fees, recording fees,
40.29 commissions, other similar costs, and
40.30 donations. This information must be provided
40.31 for all parties involved in the transaction. The
40.32 recipient must also report to the
40.33 Legislative-Citizen Commission on Minnesota
40.34 Resources any difference between the
40.35 acquisition amount paid to the seller and the

41.1 state-certified or state-reviewed appraisal, if
41.2 a state-certified or state-reviewed appraisal
41.3 was conducted.

41.4 (l) A recipient of an appropriation from the
41.5 trust fund under this section must acknowledge
41.6 financial support from the environment and
41.7 natural resources trust fund in project
41.8 publications, signage, and other public
41.9 communications and outreach related to work
41.10 completed using the appropriation.

41.11 Acknowledgment may occur, as appropriate,
41.12 through use of the trust fund logo or inclusion
41.13 of language attributing support from the trust
41.14 fund. Each direct recipient of money
41.15 appropriated in this section, as well as each
41.16 recipient of a grant awarded pursuant to this
41.17 section, must satisfy all reporting and other
41.18 requirements incumbent upon constitutionally
41.19 dedicated funding recipients as provided in
41.20 Minnesota Statutes, section 3.303, subdivision
41.21 10, and chapter 116P.

41.22 (m) A recipient of an appropriation from the
41.23 trust fund under this section that is receiving
41.24 funding to conduct children's services, as
41.25 defined in Minnesota Statutes, section
41.26 299C.61, subdivision 7, must certify to the
41.27 Legislative-Citizen Commission on Minnesota
41.28 Resources, as part of the required work plan,
41.29 that criminal background checks for
41.30 background check crimes, as defined in
41.31 Minnesota Statutes, section 299C.61,
41.32 subdivision 2, are performed on all employees,
41.33 contractors, and volunteers that have or may
41.34 have access to a child to whom the recipient

42.1 provides children's services using the
42.2 appropriation.

42.3 **Subd. 14. Payment conditions and capital**
42.4 **equipment expenditures**

42.5 (a) All agreements, grants, or contracts
42.6 referred to in this section must be administered
42.7 on a reimbursement basis unless otherwise
42.8 provided in this section. Notwithstanding
42.9 Minnesota Statutes, section 16A.41,
42.10 expenditures made on or after July 1, 2024,
42.11 or the date the work plan is approved,
42.12 whichever is later, are eligible for
42.13 reimbursement unless otherwise provided in
42.14 this section. Periodic payments must be made
42.15 upon receiving documentation that the
42.16 deliverable items articulated in the approved
42.17 work plan have been achieved, including
42.18 partial achievements as evidenced by approved
42.19 progress reports. Reasonable amounts may be
42.20 advanced to projects to accommodate
42.21 cash-flow needs or match federal money. The
42.22 advances must be approved as part of the work
42.23 plan. No expenditures for capital equipment
42.24 are allowed unless expressly authorized in the
42.25 project work plan.

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

42.28 **Subd. 15. Purchasing recycled and recyclable**
42.29 **materials**

42.30 A political subdivision, public or private
42.31 corporation, or other entity that receives an
42.32 appropriation under this section must use the
42.33 appropriation in compliance with Minnesota
42.34 Statutes, section 16C.0725, regarding
42.35 purchasing recycled, repairable, and durable

43.1 materials, and Minnesota Statutes, section
43.2 16C.073, regarding purchasing and using
43.3 paper stock and printing.

43.4 **Subd. 16. Energy conservation and sustainable**
43.5 **building guidelines**

43.6 A recipient to whom an appropriation is made
43.7 under this section for a capital improvement
43.8 project must ensure that the project complies
43.9 with the applicable energy conservation and
43.10 sustainable building guidelines and standards
43.11 contained in law, including Minnesota
43.12 Statutes, sections 16B.325, 216C.19, and
43.13 216C.20, and rules adopted under those
43.14 sections. The recipient may use the energy
43.15 planning, advocacy, and State Energy Office
43.16 units of the Department of Commerce to
43.17 obtain information and technical assistance
43.18 on energy conservation and alternative-energy
43.19 development relating to planning and
43.20 constructing the capital improvement project.

43.21 **Subd. 17. Accessibility**

43.22 Structural and nonstructural facilities must
43.23 meet the design standards in the Americans
43.24 with Disabilities Act (ADA) accessibility
43.25 guidelines.

43.26 **Subd. 18. Carryforward; extensions**

43.27 (a) The availability of the appropriations for
43.28 the following projects is extended to June 30,
43.29 2025:

43.30 (1) Laws 2019, First Special Session chapter
43.31 4, article 2, section 2, subdivision 9, paragraph
43.32 (e), National Loon Center. The legislature does
43.33 not plan to grant additional extensions for this
43.34 appropriation;

- 44.1 (2) Laws 2019, First Special Session chapter
44.2 4, article 2, section 2, subdivision 10,
44.3 paragraph (d), Grants Management System.
44.4 Notwithstanding Minnesota Statutes, section
44.5 116P.11, paragraph (b), Minnesota Statutes,
44.6 section 16A.281, applies to this appropriation;
- 44.7 (3) Laws 2021, First Special Session chapter
44.8 6, article 5, section 2, subdivision 3, paragraph
44.9 (i), Bobcat and Fisher Habitat Use and
44.10 Interactions;
- 44.11 (4) Laws 2021, First Special Session chapter
44.12 6, article 5, section 2, subdivision 3, paragraph
44.13 (j), Healthy Prairies III: Restoring Minnesota's
44.14 Prairie Plant Diversity;
- 44.15 (5) Laws 2021, First Special Session chapter
44.16 6, article 5, section 2, subdivision 3, paragraph
44.17 (n), Tools for Supporting Healthy Ecosystems
44.18 and Pollinators;
- 44.19 (6) Laws 2021, First Special Session chapter
44.20 6, article 5, section 2, subdivision 4, paragraph
44.21 (b), Technology for Energy-Generating
44.22 On-site Industrial Wastewater Treatment, as
44.23 amended by Laws 2022, chapter 94, section
44.24 2, subdivision 20, paragraph (c);
- 44.25 (7) Laws 2021, First Special Session chapter
44.26 6, article 5, section 2, subdivision 9, paragraph
44.27 (r), Ranier Safe Harbor and Transient Dock
44.28 on Rainy Lake;
- 44.29 (8) Laws 2021, First Special Session chapter
44.30 6, article 5, section 2, subdivision 9, paragraph
44.31 (s), Crane Lake Voyageurs National Park
44.32 Campground and Visitor Center;
- 44.33 (9) Laws 2021, First Special Session chapter
44.34 6, article 5, section 2, subdivision 9, paragraph

45.1 (t), Chippewa County Acquisition, Recreation,
45.2 and Education;

45.3 (10) Laws 2021, First Special Session chapter
45.4 6, article 5, section 2, subdivision 10,
45.5 Emerging Issues Account; Wastewater
45.6 Renewable Energy Demonstration Grants;

45.7 (11) Laws 2021, First Special Session chapter
45.8 6, article 6, section 2, subdivision 3, paragraph
45.9 (b), Protecting Minnesota's Beneficial
45.10 Macroalgae: All Stoneworts Aren't Starry;

45.11 (12) Laws 2021, First Special Session chapter
45.12 6, article 6, section 2, subdivision 3, paragraph
45.13 (c), County Groundwater Atlas;

45.14 (13) Laws 2021, First Special Session chapter
45.15 6, article 6, section 2, subdivision 3, paragraph
45.16 (e), Minnesota Biological Survey;

45.17 (14) Laws 2021, First Special Session chapter
45.18 6, article 6, section 2, subdivision 3, paragraph
45.19 (g), Geologic Atlases for Water Resource
45.20 Management;

45.21 (15) Laws 2021, First Special Session chapter
45.22 6, article 6, section 2, subdivision 4, paragraph
45.23 (d), Microgeographic Impact of Antibiotics
45.24 Released from Identified Hotspots;

45.25 (16) Laws 2021, First Special Session chapter
45.26 6, article 6, section 2, subdivision 8, paragraph
45.27 (a), Camp Ripley Sentinel Landscape Forest
45.28 Restoration and Enhancements;

45.29 (17) Laws 2021, First Special Session chapter
45.30 6, article 6, section 2, subdivision 9, paragraph
45.31 (e), Metropolitan Regional Parks System Land
45.32 Acquisition - Phase VII;

46.1 (18) Laws 2021, First Special Session chapter
46.2 6, article 6, section 2, subdivision 9, paragraph
46.3 (h), Native Prairie Stewardship and Prairie
46.4 Bank Easement Acquisition;

46.5 (19) Laws 2021, First Special Session chapter
46.6 6, article 6, section 2, subdivision 9, paragraph
46.7 (j), SNA Acquisition, Restoration,
46.8 Citizen-Science, and Outreach;

46.9 (20) Laws 2021, First Special Session chapter
46.10 6, article 6, section 2, subdivision 9, paragraph
46.11 (n), Crane Lake Voyageurs National Park
46.12 Visitor Center - Continuation;

46.13 (21) Laws 2021, First Special Session chapter
46.14 6, article 6, section 2, subdivision 9, paragraph
46.15 (t), Highbanks Ravine Bat Hibernaculum
46.16 Project; and

46.17 (22) Laws 2021, First Special Session chapter
46.18 6, article 6, section 2, subdivision 9, paragraph
46.19 (u), State Parks and State Trails Inholdings.

46.20 (b) The availability of the appropriation for
46.21 Laws 2022, chapter 94, section 2, subdivision
46.22 10, paragraph (k), Developing Markets for
46.23 Continuous Living Cover Crops, is extended
46.24 to June 30, 2026.

46.25 (c) The availability of the appropriations for
46.26 the following projects is extended to June 30,
46.27 2027:

46.28 (1) Laws 2021, First Special Session chapter
46.29 6, article 5, section 2, subdivision 9, paragraph
46.30 (l), Upper St. Anthony Falls Enhancements.
46.31 The legislature does not plan to grant
46.32 additional extensions for this appropriation;
46.33 and

47.1 (2) Laws 2021, First Special Session chapter
47.2 6, article 6, section 2, subdivision 7, paragraph
47.3 (b), Storing Renewable Energy in Flow
47.4 Battery for Grid Use. The legislature does not
47.5 plan to grant additional extensions for this
47.6 appropriation.

47.7 **EFFECTIVE DATE.** Subdivision 18 is effective the day following final enactment.

47.8 Sec. 3. Laws 2019, First Special Session chapter 4, article 2, section 2, subdivision 9, is
47.9 amended to read:

47.10	Subd. 9. Land Acquisition,			
47.11	Habitat, and Recreation	-0-	26,351,000	-0-

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

47.13 \$3,500,000 the first year is from the trust fund
47.14 to the commissioner of natural resources for
47.15 the scientific and natural areas (SNA) program
47.16 to restore and enhance wildlife habitat on
47.17 SNAs, increase public involvement and
47.18 outreach, and strategically acquire high-quality
47.19 lands that meet criteria for SNAs under
47.20 Minnesota Statutes, section 86A.05, from
47.21 willing sellers. A list of proposed acquisitions
47.22 and restorations is required in the work plan.

47.23 **(b) Grants for Local Parks, Trails, and Natural**
47.24 **Areas**

47.25 \$3,000,000 the first year is from the trust fund
47.26 to the commissioner of natural resources to
47.27 solicit, rank, and fund competitive matching
47.28 grants for local parks, trail connections, and
47.29 natural and scenic areas under Minnesota
47.30 Statutes, section 85.019. The appropriation is
47.31 for local nature-based recreation, connections
47.32 to regional and state natural areas, and
47.33 recreation facilities and not for athletic

48.1 facilities such as sport fields, courts, and
48.2 playgrounds.

48.3 **(c) Minnesota State Parks and State Trails**
48.4 **In-Holdings**

48.5 \$2,000,000 the first year is from the trust fund
48.6 to the commissioner of natural resources to
48.7 acquire high-priority in-holdings from willing
48.8 sellers within the legislatively authorized
48.9 boundaries of state parks and trails to protect
48.10 Minnesota's natural heritage, enhance outdoor
48.11 recreational opportunities, and improve the
48.12 efficiency of public land management.
48.13 Priorities include but are not limited to
48.14 Minneopa, St. Croix, Frontenac, and Crow
48.15 Wing State Parks. A list of proposed
48.16 acquisitions is required in the work plan.

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

48.18 \$5,000,000 the first year is from the trust fund
48.19 to the commissioner of natural resources to
48.20 expand high-priority recreational opportunities
48.21 on Minnesota's state trails by developing new
48.22 trail segments and rehabilitating, improving,
48.23 and enhancing existing state trails.
48.24 High-priority trail bridges to rehabilitate or
48.25 replace include, but are not limited to, those
48.26 on the Arrowhead, Central Lakes,
48.27 Harmony-Preston Valley, Matthew Lourey,
48.28 and North Shore State Trails. High-priority
48.29 trail segments to develop and enhance include,
48.30 but are not limited to, the Paul Bunyan,
48.31 Gateway, Heartland, Gitchi Gami, and
48.32 Minnesota Valley State Trails. A proposed list
48.33 of trail projects on legislatively authorized
48.34 state trails is required in the work plan. This
48.35 appropriation is available until June 30, 2021,

49.1 by which time the project must be completed
49.2 and final products delivered.

49.3 **(e) National Loon Center**

49.4 \$4,000,000 the first year is from the trust fund
49.5 to the commissioner of natural resources for
49.6 an agreement with the National Loon Center
49.7 Foundation, in partnership with a fiscal agent
49.8 to be approved by the Legislative-Citizen
49.9 Commission on Minnesota Resources, to
49.10 construct an approximately 15,000-square-foot
49.11 National Loon Center in Cross Lake dedicated
49.12 to loon survival, loon habitat protection and
49.13 research, and recreation. Of this amount, up
49.14 to \$1,449,000 is for planning, design, and
49.15 construction of approximately six outdoor
49.16 demonstration learning kiosks, interpretive
49.17 trails, boardwalks and boat docks, a fishing
49.18 dock, and native landscaping along
49.19 approximately 3,100 feet of shoreline. Any
49.20 remaining funds are for planning, engineering,
49.21 and constructing the building and indoor
49.22 exhibits. The building may only be constructed
49.23 on land restricted for use as a National Loon
49.24 Center for at least 25 years following
49.25 construction completion. Additionally, the
49.26 trust fund procedures for title, environmental,
49.27 archeological, and survey due diligence must
49.28 be used for the acquisition of land on which
49.29 the building will be constructed. A land lease
49.30 commitment of at least 25 years and fiscal
49.31 sponsorship must be secured before any trust
49.32 fund money is spent. This project requires a
49.33 match of at least \$6,000,000. At least
49.34 \$2,000,000 of this match must come from
49.35 nonstate sources. If naming rights will be

50.1 conveyed, the National Loon Center
50.2 Foundation must include a plan for this in the
50.3 work plan. All matching funds must be legally
50.4 committed before any trust fund money may
50.5 be spent on planning activities for or
50.6 construction of the building and indoor
50.7 exhibits. Net income generated from
50.8 admissions, naming rights, and memberships
50.9 to the National Loon Center as a result of trust
50.10 fund contributions may be reinvested in the
50.11 center's long-term loon conservation efforts
50.12 as described in the work plan approved by the
50.13 Legislative-Citizen Commission on Minnesota
50.14 Resources according to Minnesota Statutes,
50.15 section 116P.10. Notwithstanding any other
50.16 effective date stated in law, Minnesota
50.17 Statutes, sections 116P.15, subdivision 3;
50.18 116P.16; and 116P.21, subdivision 1, apply
50.19 to this appropriation.

50.20 **(f) Accessible Fishing Piers**

50.21 \$320,000 the first year is from the trust fund
50.22 to the commissioner of natural resources to
50.23 provide accessible fishing piers in locations
50.24 that have a high potential to serve new angling
50.25 communities, underserved populations, and
50.26 anglers with physical disabilities. This
50.27 appropriation is available until June 30, 2021,
50.28 by which time the project must be completed
50.29 and final products delivered.

50.30 **(g) Mesabi Trail Extensions**

50.31 \$3,000,000 the first year is from the trust fund
50.32 to the commissioner of natural resources for
50.33 an agreement with the St. Louis and Lake
50.34 Counties Regional Railroad Authority for
50.35 environmental assessment, permitting,

51.1 right-of-way easements or other acquisition
51.2 as needed, and engineering for and
51.3 construction of four trail segments beginning
51.4 and ending at the following approximate
51.5 locations: Darwin Meyers Wildlife
51.6 Management Area to County Road 21,
51.7 Embarrass to Kugler, County Road 128 to the
51.8 Eagles Nest Town Hall, and Wolf Creek to
51.9 the Highway 169 underpass.

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

51.11 \$350,000 the first year is from the trust fund
51.12 to the commissioner of natural resources for
51.13 an agreement with the city of Babbitt to
51.14 expand Birch Lake Recreation Area by adding
51.15 a new campground for recreational vehicles
51.16 and tent campers. This project requires a
51.17 match of at least \$2,800,000 that must be
51.18 secured before trust fund money is spent. At
51.19 least \$800,000 of this match must come from
51.20 the city of Babbitt. Net income generated from
51.21 admissions to the campground created as a
51.22 result of trust fund contributions may be
51.23 reinvested into the campground's long-term
51.24 operations as described in the work plan
51.25 approved by the Legislative-Citizen
51.26 Commission on Minnesota Resources
51.27 according to Minnesota Statutes, section
51.28 116P.10.

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

51.30 \$350,000 the first year are from the trust fund
51.31 to the commissioner of natural resources for
51.32 an agreement with the Superior Cycling
51.33 Association to create a sustainably designed
51.34 single-track mountain bike trail connecting
51.35 trail clusters and trailheads between Britton

52.1 Peak in Tofte and Lutsen Mountains as part
52.2 of northeast Minnesota's effort to become a
52.3 national recreation destination. This
52.4 appropriation is available until June 30, 2021,
52.5 by which time the project must be completed
52.6 and final products delivered.

52.7 **(j) Preserving Avon Hills with Reverse-Bidding**
52.8 **Easements**

52.9 \$1,600,000 the first year is from the trust fund
52.10 to the commissioner of natural resources for
52.11 an agreement with Saint John's University in
52.12 cooperation with Minnesota Land Trust to
52.13 restore and enhance protected lands, provide
52.14 public outreach, and prepare management
52.15 plans for and use a reverse-bid ranking system
52.16 to secure permanent conservation easements
52.17 on high-quality natural habitat in the Avon
52.18 Hills area of Stearns County. Of this amount,
52.19 up to \$168,000 is for use by Minnesota Land
52.20 Trust in a monitoring fund as approved in the
52.21 work plan and subject to Minnesota Statutes,
52.22 section 116P.20. An annual financial report is
52.23 required for any monitoring, management, and
52.24 enforcement fund, including expenditures from
52.25 the fund. A proposed list of acquisitions and
52.26 restorations must be provided in the work plan.
52.27 This appropriation is available until June 30,
52.28 2024, by which time the project must be
52.29 completed and final products delivered.

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

52.31 \$550,000 the first year is from the trust fund
52.32 to the commissioner of natural resources for
52.33 an agreement with the city of Virginia to
52.34 reconstruct the existing Bailey Lake Trail and

53.1 construct a new fishing pier on Bailey Lake
53.2 that is accessible from the trail.

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

53.4 \$290,000 the first year is from the trust fund
53.5 to the commissioner of natural resources for
53.6 an agreement with the city of Vergas to
53.7 construct a bicycle and pedestrian bridge, trail,
53.8 and floating boardwalk along Long Lake
53.9 including shoreline restoration and
53.10 stabilization with native plants. This
53.11 appropriation is available until June 30, 2021,
53.12 by which time the project must be completed
53.13 and final products delivered.

53.14 **(m) Glacial Edge Trail and Downtown**
53.15 **Pedestrian Bridge**

53.16 \$600,000 the first year is from the trust fund
53.17 to the commissioner of natural resources for
53.18 an agreement with the city of Fergus Falls to
53.19 acquire easements for and construct a trail
53.20 along the Otter Tail River in downtown Fergus
53.21 Falls and a bicycle and pedestrian bridge
53.22 crossing the river. This appropriation is
53.23 available until June 30, 2021, by which time
53.24 the project must be completed and final
53.25 products delivered.

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

53.27 \$400,000 the first year is from the trust fund
53.28 to the commissioner of natural resources for
53.29 an agreement with St. Louis County in
53.30 cooperation with Voyageur Country ATV
53.31 Club to designate and improve a wooded trail
53.32 from Crane Lake to Vermilion Falls to
53.33 accommodate all-terrain vehicle and
53.34 snowmobile users. This appropriation is
53.35 available until June 30, 2021, by which time

54.1 the project must be completed and final
54.2 products delivered.

54.3 **(o) Restoring Five Sections of Superior Hiking**
54.4 **Trail**

54.5 \$191,000 the first year is from the trust fund
54.6 to the commissioner of natural resources for
54.7 an agreement with the Superior Hiking Trail
54.8 Association to restore and repair the most
54.9 damaged parts of five sections of the Superior
54.10 Hiking Trail and restore an abandoned route
54.11 to a natural footpath for hikers.

54.12 **(p) Rainy Lake Recreational Access and Boat**
54.13 **Wash Station**

54.14 \$200,000 the first year is from the trust fund
54.15 to the commissioner of natural resources for
54.16 an agreement with the city of Ranier to
54.17 enhance and increase public access to Rainy
54.18 Lake by constructing an Americans with
54.19 Disabilities Act (ADA)-compliant recreational
54.20 parking lot, an ADA-compliant public
54.21 restroom, and an aquatic invasive species boat
54.22 wash station.

54.23 **(q) Historic Bruce Mine Park and Mesabi**
54.24 **Trailhead**

54.25 \$1,000,000 the first year is from the trust fund
54.26 to the commissioner of natural resources for
54.27 a grant to the St. Louis and Lake Counties
54.28 Regional Railroad Authority to engineer,
54.29 design, renovate, and construct the Historic
54.30 Bruce Mine Park and Mesabi Trailhead and
54.31 access in the city of Chisholm. This
54.32 appropriation is available until June 30, 2023,
54.33 by which time the project must be completed
54.34 and final products delivered.

54.35 **EFFECTIVE DATE.** This section is effective retroactively from July 1, 2019.

55.1 Sec. 4. Laws 2021, First Special Session chapter 6, article 6, section 2, subdivision 9, is
55.2 amended to read:

55.3 Subd. 9. **Land Acquisition, Habitat, and**
55.4 **Recreation** 32,062,000 -0-

55.5 **(a) Perham to Pelican Rapids Regional Trail**
55.6 **(McDonald Segment)**

55.7 \$2,245,000 the first year is from the trust fund
55.8 to the commissioner of natural resources for
55.9 an agreement with Otter Tail County to
55.10 construct the McDonald Segment of the
55.11 Perham to Pelican Rapids Regional Trail to
55.12 connect the cities of Perham and Pelican
55.13 Rapids to Maplewood State Park.

55.14 **(b) Mesabi Trail CSAH 88 to Ely**

55.15 \$1,650,000 the first year is from the trust fund
55.16 to the commissioner of natural resources for
55.17 an agreement with the St. Louis and Lake
55.18 Counties Regional Railroad Authority to
55.19 acquire, engineer, and construct a segment of
55.20 the Mesabi Trail beginning at the intersection
55.21 of County State-Aid Highway 88 toward Ely.

55.22 **(c) Southwest Minnesota Single-Track Trail**

55.23 \$190,000 the first year is from the trust fund
55.24 to the commissioner of natural resources for
55.25 an agreement with Jackson County to create
55.26 a single-track mountain bike trail and expand
55.27 an associated parking lot in Belmont County
55.28 Park to address a lack of opportunity for this
55.29 kind of outdoor recreation in southwest
55.30 Minnesota.

55.31 **(d) Local Parks, Trails, and Natural Areas**
55.32 **Grant Programs**

55.33 \$2,250,000 the first year is from the trust fund
55.34 to the commissioner of natural resources to

56.1 solicit and rank applications for and fund
56.2 competitive matching grants for local parks,
56.3 trail connections, and natural and scenic areas
56.4 under Minnesota Statutes, section 85.019.
56.5 Priority must be given to funding projects in
56.6 the metropolitan area or in other areas of
56.7 southern Minnesota. For purposes of this
56.8 paragraph, southern Minnesota is defined as
56.9 the area of the state south of and including St.
56.10 Cloud. This appropriation is for local
56.11 nature-based recreation, connections to
56.12 regional and state natural areas, and recreation
56.13 facilities and may not be used for athletic
56.14 facilities such as sport fields, courts, and
56.15 playgrounds.

56.16 **(e) Metropolitan Regional Parks System Land**
56.17 **Acquisition - Phase VII**

56.18 \$2,250,000 the first year is from the trust fund
56.19 to the Metropolitan Council for grants to
56.20 acquire land within the approved park
56.21 boundaries of the metropolitan regional park
56.22 system. This appropriation must be matched
56.23 by an equal amount from a combination of
56.24 Metropolitan Council and local agency funds.

56.25 **(f) Sauk Rapids Lions Park Riverfront**
56.26 **Improvements**

56.27 \$463,000 the first year is from the trust fund
56.28 to the commissioner of natural resources for
56.29 an agreement with the city of Sauk Rapids to
56.30 design and construct a second phase of
56.31 upgrades to Lions and Southside Parks
56.32 including trails, lighting, riverbank restoration,
56.33 and a canoe and kayak launch to enhance
56.34 access to the Mississippi River.

56.35 **(g) City of Brainerd - Mississippi Landing**
56.36 **Trailhead**

57.1 \$2,850,000 the first year is from the trust fund
57.2 to the commissioner of natural resources for
57.3 an agreement with the city of Brainerd to
57.4 design and construct Mississippi Landing
57.5 Trailhead Park to help connect residents and
57.6 visitors to the Mississippi River through
57.7 recreation, education, and restoration.

57.8 **(h) Native Prairie Stewardship and Prairie Bank**
57.9 **Easement Acquisition**

57.10 \$1,341,000 the first year is from the trust fund
57.11 to the commissioner of natural resources to
57.12 provide technical stewardship assistance to
57.13 private landowners, restore and enhance native
57.14 prairie protected by easements in the native
57.15 prairie bank, and acquire easements for the
57.16 native prairie bank in accordance with
57.17 Minnesota Statutes, section 84.96, including
57.18 preparing initial baseline property assessments.
57.19 Up to \$60,000 of this appropriation may be
57.20 deposited in the natural resources conservation
57.21 easement stewardship account created in
57.22 Minnesota Statutes, section 84.69, proportional
57.23 to the number of easement acres acquired.

57.24 **(i) Moose Lake - Trunk Highway 73 Trail**

57.25 \$330,000 the first year is from the trust fund
57.26 to the commissioner of natural resources for
57.27 an agreement with the city of Moose Lake to
57.28 design and construct a nonmotorized
57.29 recreational trail in an off-street pedestrian
57.30 corridor along Highway 73 to connect to
57.31 several existing regional trails in the Moose
57.32 Lake area.

57.33 **(j) SNA Acquisition, Restoration,**
57.34 **Citizen-Science, and Outreach**

58.1 \$3,336,000 the first year is from the trust fund
58.2 to the commissioner of natural resources for
58.3 the scientific and natural areas (SNA) program
58.4 to restore, improve, and enhance wildlife
58.5 habitat on SNAs; increase public involvement
58.6 and outreach; and strategically acquire lands
58.7 that meet criteria for SNAs under Minnesota
58.8 Statutes, section 86A.05, from willing sellers.

58.9 **(k) Precision Acquisition for Restoration,**
58.10 **Groundwater Recharge, and Habitat**

58.11 \$467,000 the first year is from the trust fund
58.12 to the commissioner of natural resources for
58.13 an agreement with the Shell Rock River
58.14 Watershed District to acquire and restore to
58.15 wetland a key parcel of land to reduce
58.16 downstream flooding while providing water
58.17 storage, groundwater recharge, nutrient
58.18 reduction, and pollinator and wildlife habitat.

58.19 **(l) Lake Brophy Single-Track Trail Expansion**

58.20 \$100,000 the first year is from the trust fund
58.21 to the commissioner of natural resources for
58.22 an agreement with Douglas County in
58.23 partnership with the Big Ole Bike Club to
58.24 design and build new expert single-track
58.25 segments and an asphalt pump track for the
58.26 existing trail system at Lake Brophy Park to
58.27 improve outdoor recreation experiences in
58.28 west-central Minnesota.

58.29 **(m) Veterans on the Lake**

58.30 \$553,000 the first year is from the trust fund
58.31 to the commissioner of natural resources for
58.32 an agreement with Lake County for Veterans
58.33 on the Lake to conduct accessibility upgrades
58.34 to Veterans on the Lake's existing trails,
58.35 roadway, and buildings to improve access to

59.1 the wilderness and outdoor recreation for
59.2 disabled American veterans.

59.3 **(n) Crane Lake Voyageurs National Park Visitor**
59.4 **Center - Continuation**

59.5 \$2,700,000 the first year is from the trust fund
59.6 to the commissioner of natural resources for
59.7 an agreement with the city of Crane Lake to
59.8 design and construct an approximate 4,500 to
59.9 7,000 square-foot visitor center building to
59.10 serve as an access point to Voyageurs National
59.11 Park. A fiscal agent or fiscal management plan
59.12 must be approved in the work plan before any
59.13 trust fund money is spent. A copy of a
59.14 resolution or other documentation of the city's
59.15 commitment to fund operations of the visitor
59.16 center must be included in the work plan
59.17 submitted to the Legislative-Citizen
59.18 Commission on Minnesota Resources. Net
59.19 income generated as part of this appropriation
59.20 may be reinvested in the project if a plan for
59.21 reinvestment is approved in the work plan.

59.22 **(o) Brookston Campground, Boat Launch, and**
59.23 **Outdoor Recreational Facility Planning**

59.24 \$425,000 the first year is from the trust fund
59.25 to the commissioner of natural resources for
59.26 an agreement with the city of Brookston to
59.27 design a campground, boat launch, and
59.28 outdoor recreation area on the banks of the St.
59.29 Louis River in northeastern Minnesota. A
59.30 fiscal agent must be approved in the work plan
59.31 before any trust fund dollars are spent.

59.32 **(p) Moose and Seven Beaver Multiuse Trails**
59.33 **Upgrade**

59.34 \$900,000 the first year is from the trust fund
59.35 to the commissioner of natural resources for

60.1 an agreement with the city of Hoyt Lakes, in
60.2 partnership with the Ranger Snowmobile and
60.3 ATV Club, to design and construct upgrades
60.4 and extensions to the Moose and Seven Beaver
60.5 multiuse trails to enhance access for recreation
60.6 use and connect to regional trails.

60.7 **(q) Above the Falls Regional Park Acquisition**

60.8 \$950,000 the first year is from the trust fund
60.9 to the commissioner of natural resources for
60.10 an agreement with the Minneapolis Parks and
60.11 Recreation Board to develop a restoration plan
60.12 and acquire approximately 3.25 acres of
60.13 industrial land for public access and habitat
60.14 connectivity along the Mississippi River as
60.15 part of Above the Falls Regional Park.

60.16 **(r) Silver Lake Trail Improvement Project**

60.17 \$1,071,000 the first year is from the trust fund
60.18 to the commissioner of natural resources for
60.19 an agreement with the city of Virginia to
60.20 reconstruct and renovate the walking trail
60.21 around Silver Lake to allow safe multimodal
60.22 transportation between schools, parks,
60.23 community recreation facilities, and other
60.24 community activity centers in downtown
60.25 Virginia.

60.26 **(s) Minnesota State Trails Development**

60.27 \$4,266,000 the first year is from the trust fund
60.28 to the commissioner of natural resources to
60.29 expand recreational opportunities on
60.30 Minnesota state trails by rehabilitating and
60.31 enhancing existing state trails and replacing
60.32 or repairing existing state trail bridges. Priority
60.33 must be given to funding projects in the
60.34 metropolitan area or in other areas of southern

61.1 Minnesota. For purposes of this paragraph,
61.2 southern Minnesota is defined as the area of
61.3 the state south of and including St. Cloud.

61.4 **(t) Highbanks Ravine Bat Hibernaculum Project**

61.5 \$825,000 the first year is from the trust fund
61.6 to the commissioner of natural resources for
61.7 an agreement with the city of St. Cloud to
61.8 reroute and upgrade an existing stormwater
61.9 system in the Highbanks Ravine area to
61.10 improve an existing bat hibernaculum, reduce
61.11 erosion, and create additional green space for
61.12 wildlife habitat.

61.13 **(u) State Parks and State Trails Inholdings**

61.14 \$2,560,000 the first year is from the trust fund
61.15 to the commissioner of natural resources to
61.16 acquire high-priority inholdings from willing
61.17 sellers within the legislatively authorized
61.18 boundaries of state parks, recreation areas, and
61.19 trails to protect Minnesota's natural heritage,
61.20 enhance outdoor recreation, and improve the
61.21 efficiency of public land management.

61.22 **(v) Accessible Fishing Piers and Shore Fishing**
61.23 **Areas**

61.24 \$340,000 the first year is from the trust fund
61.25 to the commissioner of natural resources to
61.26 provide accessible fishing piers and develop
61.27 shore fishing sites to serve new angling
61.28 communities, underserved populations, and
61.29 anglers with disabilities.

61.30 **EFFECTIVE DATE.** This section is effective retroactively from July 1, 2021.

62.1

Sec. 5. Laws 2022, chapter 94, section 2, subdivision 9, as amended by Laws 2023, chapter

62.2

60, article 2, section 15, is amended to read:

62.3

Subd. 9. **Habitat and Recreation**

-0-

26,179,000

62.4

(a) Mesabi Trail: Wahlsten Road (CR 26)

62.5

toward Tower

62.6

\$1,307,000 the second year is from the trust

62.7

fund to the commissioner of natural resources

62.8

for an agreement with the St. Louis and Lake

62.9

Counties Regional Railroad Authority to

62.10

acquire easements, engineer, and construct a

62.11

segment of the Mesabi Trail beginning at the

62.12

intersection of Wahlsten Road (CR 26) and

62.13

Benson Road in Embarrass and extending

62.14

toward Tower.

62.15

(b) Environmental Learning Classroom with

62.16

Trails

62.17

\$82,000 the second year is from the trust fund

62.18

to the commissioner of natural resources for

62.19

an agreement with Mountain Iron-Buhl Public

62.20

Schools to build an outdoor classroom

62.21

pavilion, accessible trails, and a footbridge

62.22

within the Mountain Iron-Buhl School Forest

62.23

to conduct environmental education that

62.24

cultivates a lasting conservation ethic.

62.25

(c) Local Parks, Trails, and Natural Areas Grant

62.26

Programs

62.27

\$3,560,000 the second year is from the trust

62.28

fund to the commissioner of natural resources

62.29

to solicit, rank, and fund competitive matching

62.30

grants for local parks, trail connections, and

62.31

natural and scenic areas under Minnesota

62.32

Statutes, section 85.019. This appropriation is

62.33

for local nature-based recreation, connections

62.34

to regional and state natural areas, and

62.35

recreation facilities and may not be used for

63.1 athletic facilities such as sport fields, courts,
63.2 and playgrounds.

63.3 **(d) St. Louis River Re-Connect**

63.4 \$500,000 the second year is from the trust
63.5 fund to the commissioner of natural resources
63.6 for an agreement with the city of Duluth to
63.7 expand recreational access along the St. Louis
63.8 River and estuary by implementing the St.
63.9 Louis River National Water Trail outreach
63.10 plan, designing and constructing upgrades and
63.11 extensions to the Waabizheshikana Trail, and
63.12 installing interpretive features that describe
63.13 the cultural and ecological significance of the
63.14 area.

63.15 **(e) Native Prairie Stewardship and Prairie Bank**
63.16 **Easement Acquisition**

63.17 \$1,353,000 the second year is from the trust
63.18 fund to the commissioner of natural resources
63.19 to provide technical stewardship assistance to
63.20 private landowners, restore and enhance native
63.21 prairie protected by easements in the native
63.22 prairie bank, and acquire easements for the
63.23 native prairie bank in accordance with
63.24 Minnesota Statutes, section 84.96, including
63.25 preparing initial baseline property assessments.
63.26 Up to \$60,000 of this appropriation may be
63.27 deposited in the natural resources conservation
63.28 easement stewardship account created under
63.29 Minnesota Statutes, section 84.69, proportional
63.30 to the number of easements acquired.

63.31 **(f) Minnesota State Parks and State Trails**
63.32 **Maintenance and Development**

63.33 \$1,600,000 the second year is from the trust
63.34 fund to the commissioner of natural resources
63.35 for maintenance and development at state

64.1 parks, recreation areas, and trails to protect
64.2 Minnesota's natural heritage, enhance outdoor
64.3 recreation, and improve the efficiency of
64.4 public land management.

64.5 **(g) Minnesota State Trails Development**

64.6 \$7,387,000 the second year is from the trust
64.7 fund to the commissioner of natural resources
64.8 to expand recreational opportunities on
64.9 Minnesota state trails by rehabilitating and
64.10 enhancing existing state trails and replacing
64.11 or repairing existing state trail bridges.

64.12 **(h) SNA Habitat Restoration and Public**
64.13 **Engagement**

64.14 \$5,000,000 the second year is from the trust
64.15 fund to the commissioner of natural resources
64.16 for the scientific and natural areas (SNA)
64.17 program to restore and enhance exceptional
64.18 habitat on SNAs and increase public
64.19 involvement and outreach.

64.20 **(i) The Missing Link: Gull Lake Trail, Fairview**
64.21 **Township**

64.22 \$1,394,000 the second year is from the trust
64.23 fund to the commissioner of natural resources
64.24 for an agreement with Fairview Township to
64.25 complete the Gull Lake Trail by engineering
64.26 and constructing the trail's final segment
64.27 through Fairview Township in the Brainerd
64.28 Lakes area.

64.29 **(j) Silver Bay Multimodal Trailhead Project**

64.30 \$1,000,000 the second year is from the trust
64.31 fund to the commissioner of natural resources
64.32 for an agreement with the city of Silver Bay
64.33 to develop a multimodal trailhead center to
64.34 provide safe access to the Superior,

65.1 Gitchi-Gami, and C.J. Ramstad/North Shore
65.2 trails; Black Beach Park; and other
65.3 recreational destinations. Net income
65.4 generated as part of this appropriation may be
65.5 reinvested in the project if a plan for
65.6 reinvestment is approved in the work plan.

65.7 **(k) Brookston Campground, Boat Launch, and**
65.8 **Outdoor Recreational Facility**

65.9 \$453,000 the second year is from the trust
65.10 fund to the commissioner of natural resources
65.11 for an agreement with the city of Brookston
65.12 to build a campground, boat launch, and
65.13 outdoor recreation area on the banks of the St.
65.14 Louis River in northeastern Minnesota. Before
65.15 any trust fund dollars are spent, the city must
65.16 demonstrate that all funds to complete the
65.17 project are secured and a fiscal agent must be
65.18 approved in the work plan.

65.19 **(l) Silver Lake Trail Connection**

65.20 \$727,000 the second year is from the trust
65.21 fund to the commissioner of natural resources
65.22 for an agreement with the city of Virginia to
65.23 design, engineer, and construct a multiuse trail
65.24 that will connect Silver Lake Trail to a new
65.25 Miners Entertainment and Convention Center
65.26 and provide lighting on Bailey Lake Trail.

65.27 **(m) Floodwood Campground Improvement**
65.28 **Project**

65.29 \$816,000 the second year is from the trust
65.30 fund to the commissioner of natural resources
65.31 for an agreement with the city of Floodwood
65.32 to upgrade the Floodwood Campground and
65.33 connecting trails to provide high-quality nature
65.34 and recreation experience for people of all
65.35 ages. Net income generated as part of this

66.1 appropriation may be reinvested in the project
66.2 if a plan for reinvestment is approved in the
66.3 work plan.

66.4 **(n) Ranier Safe Harbor/Transient Dock - Phase**
66.5 **2**

66.6 \$1,000,000 the second year is from the trust
66.7 fund to the commissioner of natural resources
66.8 for an agreement with the city of Ranier to
66.9 construct a safe harbor and transient dock to
66.10 accommodate watercraft of many sizes to
66.11 improve public access for boat recreation on
66.12 Rainy Lake. Before trust fund dollars are
66.13 spent, a fiscal agent must be approved in the
66.14 work plan. Before any trust fund dollars are
66.15 spent, the city must demonstrate that all funds
66.16 to complete the project are secured. Any
66.17 revenue generated from selling products or
66.18 assets developed or acquired with this
66.19 appropriation must be repaid to the trust fund
66.20 unless a plan is approved for reinvestment of
66.21 income in the project as provided under
66.22 Minnesota Statutes, section 116P.10.

66.23 **EFFECTIVE DATE.** This section is effective retroactively from July 1, 2022.

66.24 Sec. 6. Laws 2022, chapter 94, section 2, subdivision 10, is amended to read:

66.25	Subd. 10. Other Projects	-0-	6,973,000
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66.26 **(a) Aggregate Resource Mapping**

66.27 \$500,000 the second year is from the trust
66.28 fund to the commissioner of natural resources
66.29 for continued mapping of the aggregate
66.30 resource potential in the state of Minnesota
66.31 and to make the information available in print
66.32 and electronic format to local units of
66.33 government for use in planning and zoning.

67.1 **(b) Leaded Gasoline Contamination Analysis**

67.2 \$200,000 the second year is from the trust
67.3 fund to the commissioner of administration
67.4 for a grant to the city of Paynesville to procure
67.5 an analysis of the extent of leaded gasoline
67.6 contamination in or near the cities of
67.7 Paynesville, Foley, Alexandria, and Blaine,
67.8 and of the threat posed by the contamination
67.9 to each city's drinking water supply. The
67.10 vendor selected to perform the analysis must
67.11 use the same methodology to conduct the
67.12 analysis for each city and must produce
67.13 findings that are comparable between cities.
67.14 The cities must work cooperatively to select
67.15 a vendor. By January 15, 2024, the city
67.16 administrator of the city of Paynesville must
67.17 report the results of the analysis to the chairs
67.18 and ranking minority members of the house
67.19 of representatives and senate committees and
67.20 divisions with jurisdiction over environment
67.21 and natural resources.

67.22 **(c) Living Snow Fence Program**

67.23 \$200,000 the second year is from the trust
67.24 fund to the commissioner of transportation for
67.25 contracts to build and improve living snow
67.26 fences consisting of trees, shrubs, native
67.27 grasses, and wildflowers. Money appropriated
67.28 in this paragraph may only be used to acquire
67.29 and plant trees native to Minnesota. This
67.30 appropriation is available until June 30, 2026.

67.31 **(d) Forest Data Inventory**

67.32 \$500,000 the second year is from the trust
67.33 fund to the commissioner of natural resources
67.34 for an enhanced forest inventory on county
67.35 and private lands.

68.1 **(e) Conservation Reserve Program State**
68.2 **Incentives**

68.3 \$750,000 the second year is from the trust
68.4 fund to the Board of Water and Soil Resources
68.5 to provide onetime state incentive payments
68.6 to enrollees in the federal Conservation
68.7 Reserve Program (CRP) during the continuous
68.8 enrollment period and to enroll land in
68.9 conservation easements consistent with
68.10 Minnesota Statutes, section 103F.515. The
68.11 board may establish payment rates based on
68.12 land valuation and on environmental benefit
68.13 criteria, including but not limited to surface
68.14 water or groundwater pollution reduction,
68.15 drinking water protection, soil health,
68.16 pollinator and wildlife habitat, and other
68.17 conservation enhancements. The board may
68.18 use state funds to implement the program and
68.19 to provide technical assistance to landowners
68.20 or their agents to fulfill enrollment and
68.21 contract provisions. The board must consult
68.22 with the commissioners of agriculture, health,
68.23 natural resources, and the Pollution Control
68.24 Agency and the United States Department of
68.25 Agriculture in establishing program criteria.
68.26 This appropriation is available until June 30,
68.27 2026.

68.28 **(f) Groundwater Storage and Recovery Database**

68.29 \$400,000 the second year is from the trust
68.30 fund to the commissioner of natural resources
68.31 to complete a centralized aquifer property
68.32 database to provide needed data for site
68.33 characterization.

68.34 **(g) Rural and Farmstead Ring Levees**

69.1 \$360,000 the second year is from the trust
69.2 fund to the commissioner of natural resources
69.3 for grants to assist in constructing rural and
69.4 farmstead ring levees for flood protection in
69.5 the Red River watershed. A grant may not
69.6 exceed 50 percent of the cost of the project.

69.7 **(h) Replacing Failing Septic Systems to Protect**
69.8 **Groundwater**

69.9 \$2,000,000 the second year is from the trust
69.10 fund to the commissioner of the Pollution
69.11 Control Agency to counties for grants to
69.12 low-income landowners to address septic
69.13 systems that pose an imminent threat to public
69.14 health or safety or fail to protect groundwater.
69.15 The issuance of a loan under Minnesota
69.16 Statutes, section 17.117, for the purpose of
69.17 replacing a failed septic system, shall not
69.18 preclude a rural landowner from obtaining a
69.19 grant under this paragraph or vice versa. This
69.20 appropriation is available until June 30, 2025.

69.21 **(i) Forever Green**

69.22 \$763,000 the second year is from the trust
69.23 fund to the commissioner of agriculture for
69.24 grants to the Board of Regents of the
69.25 University of Minnesota to fund the Forever
69.26 Green Agriculture Initiative and protect the
69.27 state's natural resources while increasing the
69.28 efficiency, profitability, and productivity of
69.29 Minnesota farmers by incorporating perennial
69.30 and winter-annual crops into existing
69.31 agricultural practices.

69.32 **(j) Pig's Eye Landfill Task Force**

69.33 \$800,000 the second year is from the trust
69.34 fund to the commissioner of the Pollution
69.35 Control Agency to establish a Pig's Eye

70.1 Landfill Task Force to coordinate efforts to
70.2 remediate and restore the Pig's Eye Landfill
70.3 Superfund site and address perfluoroalkyl and
70.4 polyfluoroalkyl substances (PFAS)
70.5 contamination of Battle Creek, Pig's Eye Lake,
70.6 and nearby groundwater. The task force must
70.7 be made up of at least the commissioner of
70.8 the Pollution Control Agency, the
70.9 commissioner of natural resources, the
70.10 commissioner of health, a representative from
70.11 the Metropolitan Council, a representative
70.12 from the city of St. Paul, a representative from
70.13 the city of South St. Paul, a representative
70.14 from the city of Newport, a representative
70.15 from Ramsey County, a representative from
70.16 Dakota County, a representative from
70.17 Washington County, and representatives from
70.18 relevant federal agencies. The task force is
70.19 subject to Minnesota Statutes, section 15.059,
70.20 subdivision 6. The task force must submit an
70.21 annual report to the chairs and ranking
70.22 minority members of the legislative
70.23 committees and divisions with jurisdiction
70.24 over the environment and natural resources
70.25 on the status of the task force's work. The final
70.26 report is due February 15, 2026. The task force
70.27 expires June 30, 2026. This appropriation is
70.28 available until June 30, 2026.

70.29 **(k) Developing Markets for Continuous Living**
70.30 **Cover Crops**

70.31 \$500,000 the second year is from the trust
70.32 fund to the commissioner of agriculture for
70.33 grants to organizations in Minnesota to
70.34 develop enterprises, supply chains, and
70.35 markets for continuous living cover crops and
70.36 cropping systems in the early stage of

71.1 commercial development, including but not

71.2 limited to regenerative poultry silvopasture

71.3 systems, Kernza perennial grain, winter

71.4 camelina, and elderberry. This appropriation

71.5 is exempt from the income repayment

71.6 requirements in Minnesota Statutes, section

71.7 116P.10, paragraph (c).

71.8 **EFFECTIVE DATE.** This section is effective retroactively from July 1, 2022.

71.9 Sec. 7. Laws 2023, chapter 60, article 2, section 2, subdivision 9, is amended to read:

71.10 Subd. 9. **Land Acquisition, Habitat, and**

71.11 **Recreation** 31,241,000 -0-

71.12 (a) **SNA Stewardship, Outreach, and**

71.13 **Biodiversity Protection**

71.14 \$1,919,000 the first year is from the trust fund

71.15 to the commissioner of natural resources to

71.16 restore and enhance exceptional habitat on

71.17 scientific and natural areas (SNAs), increase

71.18 public involvement and outreach, and

71.19 strategically acquire lands that meet criteria

71.20 for SNAs under Minnesota Statutes, section

71.21 86A.05, from willing sellers. This

71.22 appropriation is available until June 30, 2027,

71.23 by which time the project must be completed

71.24 and final products delivered.

71.25 (b) **Wannigan Regional Park Land Acquisition**

71.26 \$727,000 the first year is from the trust fund

71.27 to the commissioner of natural resources for

71.28 an agreement with the city of Frazee to acquire

71.29 land for protecting and enhancing natural

71.30 resources and for future development as

71.31 Wannigan Regional Park, where the Heartland

71.32 State, North Country National, and Otter Tail

71.33 River Water Trails will meet. Initial site

72.1 development or restoration work may be
72.2 conducted with this appropriation.

72.3 **(c) Local Parks, Trails, and Natural Areas Grant**
72.4 **Programs**

72.5 \$3,802,000 the first year is from the trust fund
72.6 to the commissioner of natural resources to
72.7 solicit and rank applications and fund
72.8 competitive matching grants for local parks,
72.9 trail connections, and natural and scenic areas
72.10 under Minnesota Statutes, section 85.019. This
72.11 appropriation is for local nature-based
72.12 recreation, connections to regional and state
72.13 natural areas, and recreation facilities and may
72.14 not be used for athletic facilities such as sport
72.15 fields, courts, and playgrounds.

72.16 **(d) Outreach and Stewardship Through the**
72.17 **Native Prairie Bank Program**

72.18 \$620,000 the first year is from the trust fund
72.19 to the commissioner of natural resources to
72.20 enhance and monitor lands enrolled in the
72.21 native prairie bank and to provide outreach
72.22 and technical assistance to landowners,
72.23 practitioners, and the public to increase
72.24 awareness and stewardship of the state's
72.25 remaining native prairie. This appropriation
72.26 is available until June 30, 2027, by which time
72.27 the project must be completed and final
72.28 products delivered.

72.29 **(e) Minnesota State Trails Development**

72.30 \$4,952,000 the first year is from the trust fund
72.31 to the commissioner of natural resources to
72.32 expand recreational opportunities on
72.33 Minnesota state trails by rehabilitating and
72.34 enhancing existing state trails and replacing
72.35 or repairing existing state trail bridges.

73.1 **(f) Construction of East Park**

73.2 \$700,000 the first year is from the trust fund
73.3 to the commissioner of natural resources for
73.4 an agreement with the city of St. Joseph to
73.5 increase recreational opportunities and access
73.6 at East Park along the Sauk River in St. Joseph
73.7 through enhancements such as a canoe and
73.8 kayak access, a floating dock, paved and
73.9 mowed trails, and parking entrance
73.10 improvements.

73.11 **(g) Scandia Gateway Trail to William O'Brien**
73.12 **State Park**

73.13 \$2,689,000 the first year is from the trust fund
73.14 to the commissioner of natural resources for
73.15 an agreement with the city of Scandia to
73.16 engineer and construct a segment of the
73.17 Gateway State Trail between the city of
73.18 Scandia and William O'Brien State Park that
73.19 will be maintained by the Department of
73.20 Natural Resources. The segment to be
73.21 constructed includes a pedestrian tunnel and
73.22 trailhead parking area. This project must be
73.23 designed and constructed in accordance with
73.24 Department of Natural Resources state trail
73.25 standards. Engineering and construction plans
73.26 must be approved by the commissioner of
73.27 natural resources before construction may
73.28 commence. This appropriation is available
73.29 until June 30, 2027, by which time the project
73.30 must be completed and final products
73.31 delivered.

73.32 **(h) Grand Marais Mountain Bike Trail**
73.33 **Rehabilitation - Phase II**

73.34 \$200,000 the first year is from the trust fund
73.35 to the commissioner of natural resources for

74.1 an agreement with Superior Cycling
74.2 Association to rehabilitate and modify existing
74.3 mountain bike trails at Pincushion Mountain
74.4 to increase the trail's environmental
74.5 sustainability and provide better access to
74.6 beginner and adaptive cyclers.

74.7 **(i) Acquisition of State Parks and Trails**
74.8 **Inholdings**

74.9 \$5,425,000 the first year is from the trust fund
74.10 to the commissioner of natural resources to
74.11 acquire high-priority inholdings from willing
74.12 sellers within the legislatively authorized
74.13 boundaries of state parks, recreation areas, and
74.14 trails to protect Minnesota's natural heritage,
74.15 enhance outdoor recreation, and improve the
74.16 efficiency of public land management. This
74.17 appropriation is available until June 30, 2027,
74.18 by which time the project must be completed
74.19 and final products delivered.

74.20 **(j) St. Louis River Re-Connect - Phase II**

74.21 \$1,375,000 the first year is from the trust fund
74.22 to the commissioner of natural resources for
74.23 an agreement with the city of Duluth to
74.24 increase recreational opportunities and access
74.25 to the Waabizheshikana hiking and water trails
74.26 in West Duluth with trail and trailhead
74.27 enhancements such as accessible canoe and
74.28 kayak launches, picnic areas, and restrooms;
74.29 restored habitat; stormwater improvements;
74.30 directional signage, and trailside interpretation.
74.31 This appropriation may also be used to partner
74.32 with the St. Louis River Alliance to create an
74.33 ambassadors program to engage the
74.34 surrounding community and facilitate use of
74.35 the trails.

75.1 **(k) City of Biwabik Recreation**

75.2 \$1,306,000 the first year is from the trust fund
75.3 to the commissioner of natural resources for
75.4 an agreement with the city of Biwabik to
75.5 reconstruct and renovate Biwabik Recreation
75.6 Area's access road, parking area, and bathroom
75.7 facilities.

75.8 **(l) Silver Bay Multimodal Trailhead Project**

75.9 \$1,970,000 the first year is from the trust fund
75.10 to the commissioner of natural resources for
75.11 an agreement with the city of Silver Bay to
75.12 develop a multimodal trailhead center to
75.13 provide safe access to the Superior Hiking,
75.14 Gitchi-Gami Bike, and C.J. Ramstad/North
75.15 Shore trails; Black Beach Park; and other
75.16 recreational destinations. Before any
75.17 construction costs are incurred, the city must
75.18 demonstrate that all funding to complete the
75.19 project are secured. Net income generated as
75.20 part of this appropriation may be reinvested
75.21 in the project if a plan for reinvestment is
75.22 approved in the work plan.

75.23 **(m) Above the Falls Regional Park Restoration**
75.24 **Planning and Acquisition**

75.25 \$1,376,000 the first year is from the trust fund
75.26 to the commissioner of natural resources for
75.27 an agreement with the Minneapolis Park and
75.28 Recreation Board to acquire land along the
75.29 Mississippi River from willing sellers for
75.30 habitat restoration, trail development, and
75.31 low-intensity recreational facilities in Above
75.32 the Falls Regional Park. This appropriation
75.33 may also be used to prepare restoration plans
75.34 for lands acquired. This appropriation may not
75.35 be used to purchase habitable residential

76.1 structures. Before the acquisition, a phase 1
76.2 environmental assessment must be completed
76.3 and the Minneapolis Park and Recreation
76.4 Board must not accept any liability for
76.5 previous contamination of lands acquired with
76.6 this appropriation.

76.7 **(n) Redhead Mountain Bike Park**

76.8 \$1,666,000 the first year is from the trust fund
76.9 to the commissioner of natural resources for
76.10 an agreement with the city of Chisholm as the
76.11 fiscal agent for the Minnesota Discovery
76.12 Center to enhance outdoor recreational
76.13 opportunities by adding trails and amenities
76.14 to the Redhead Mountain Bike Park in
76.15 Chisholm. Amenities may include such things
76.16 as pump tracks, skills courses, changing
76.17 stations, shade shakes, and signage.

76.18 **(o) Maplewood State Park Trail Segment of the**
76.19 **Perham to Pelican Rapids Regional Trail**

76.20 \$2,514,000 the first year is from the trust fund
76.21 to the commissioner of natural resources for
76.22 an agreement with Otter Tail County to partner
76.23 with the Department of Natural Resources to
76.24 construct the Maplewood State Park segment
76.25 of the Perham to Pelican Rapids Regional
76.26 Trail. This project must be designed and
76.27 constructed in accordance with Department
76.28 of Natural Resources state trail standards.
76.29 Engineering and construction plans must be
76.30 approved by the commissioner of natural
76.31 resources before construction may commence.

76.32 **EFFECTIVE DATE.** This section is effective retroactively from July 1, 2023.