

1.1 Senator moves to amend S.F. No. 4043 as follows:

1.2 Delete everything after the enacting clause and insert:

1.3 "Section 1. APPROPRIATIONS.

1.4 The sums shown in the columns marked "Appropriations" are appropriated to the agencies
 1.5 and for the purposes specified in this act. The appropriations are from the environment and
 1.6 natural resources trust fund and are available for the fiscal years indicated for each purpose.
 1.7 The figures "2022" and "2023" used in this act mean that the appropriations listed under
 1.8 them are available for the fiscal year ending June 30, 2022, or June 30, 2023, respectively.
 1.9 "The first year" is fiscal year 2022. "The second year" is fiscal year 2023. "The biennium"
 1.10 is fiscal years 2022 and 2023. Any unencumbered balance remaining in the first year does
 1.11 not cancel and is available for the second year or until the end of the appropriation. These
 1.12 are onetime appropriations.

1.13		<u>APPROPRIATIONS</u>	
1.14		<u>Available for the Year</u>	
1.15		<u>Ending June 30</u>	
1.16		<u>2022</u>	<u>2023</u>

1.17 Sec. 2. MINNESOTA RESOURCES

1.18	<u>Subdivision 1. Total Appropriation</u>	<u>\$</u>	<u>-0-</u>	<u>\$</u>	<u>70,881,000</u>
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1.19 This appropriation is from the environment
 1.20 and natural resources trust fund. The amounts
 1.21 that may be spent for each purpose are
 1.22 specified in the following subdivisions.

1.23 Subd. 2. Definition

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

1.28	<u>Subd. 3. Foundational Natural Resource Data</u>				
1.29	<u>and Information</u>		<u>-0-</u>		<u>5,491,000</u>

1.30 (a) Efficacy of Urban Archery Hunting to
1.31 Manage Deer

1.32 \$201,000 the second year is from the trust
 1.33 fund to the Board of Trustees of the Minnesota
 1.34 State Colleges and Universities for Bemidji

2.1 State University to conduct an analysis of deer
2.2 survival, habitat use, and hunter data in the
2.3 city of Bemidji to improve special archery
2.4 hunt management practices in urban areas of
2.5 the state.

2.6 **(b) Improving Golden-Winged Warbler**
2.7 **Conservation and Habitat Restoration**

2.8 \$197,000 the second year is from the trust
2.9 fund to the Board of Regents of the University
2.10 of Minnesota for the Natural Resources
2.11 Research Institute in Duluth to develop
2.12 restoration and habitat management guidelines
2.13 for protecting the imperiled golden-winged
2.14 warbler by assessing habitat use and behavior
2.15 of this species.

2.16 **(c) Strategic Framework to Guide Local Water**
2.17 **Storage Implementation**

2.18 \$200,000 the second year is from the trust
2.19 fund to the Board of Water and Soil Resources
2.20 to create a framework for prioritizing water
2.21 storage projects throughout the state. The
2.22 framework will use existing data and local
2.23 stakeholder input, be scalable, and will
2.24 emphasize projects that provide multiple
2.25 benefits, including for water quality, flood
2.26 control, and habitat.

2.27 **(d) Status of Minnesota Blueberries and Related**
2.28 **Berry Species**

2.29 \$191,000 the second year is from the trust
2.30 fund to the Board of Regents of the University
2.31 of Minnesota, Duluth, to assess how land
2.32 management practices impact the genetic
2.33 health and reproduction of several native
2.34 edible blueberry and related berry species of
2.35 Minnesota. This appropriation is available

3.1 until June 30, 2026, by which time the project
3.2 must be completed and final products
3.3 delivered.

3.4 **(e) Distribution and Movements of Fishers in**
3.5 **Southern Minnesota**

3.6 \$212,000 the second year is from the trust
3.7 fund to the Board of Regents of the University
3.8 of Minnesota for the Natural Resources
3.9 Research Institute in Duluth to determine the
3.10 distribution, status, and habitat use of fishers
3.11 in southern Minnesota to inform fisher
3.12 management.

3.13 **(f) Protecting Minnesota's Spruce-Fir Forests**
3.14 **from Tree-Killing Budworm**

3.15 \$189,000 the second year is from the trust
3.16 fund to the Board of Regents of the University
3.17 of Minnesota to evaluate conditions
3.18 contributing to Minnesota's uniquely high
3.19 population of the native and lethal spruce
3.20 budworm to provide better management
3.21 options for protecting the state's spruce-balsam
3.22 fir forests.

3.23 **(g) Restoration of Eastern Hemlock, Minnesota's**
3.24 **Endangered Tree Species**

3.25 \$199,000 the second year is from the trust
3.26 fund to the Board of Regents of the University
3.27 of Minnesota to develop guidelines for
3.28 restoring eastern hemlock, Minnesota's only
3.29 endangered tree species, by testing methods
3.30 and seed sources at different sites across
3.31 northern Minnesota.

3.32 **(h) Maximizing Lowland Conifer Ecosystem**
3.33 **Services - Phase 2**

3.34 \$315,000 the second year is from the trust
3.35 fund to the Board of Regents of the University

4.1 of Minnesota to continue monitoring forested
4.2 peatland hydrology and wildlife, conduct new
4.3 wildlife and habitat surveys, and quantify
4.4 carbon storage to assess trade-offs in
4.5 management decisions.

4.6 **(i) Establishing a Center for Prion Research and**
4.7 **Outreach**

4.8 \$3,000,000 the second year is from the trust
4.9 fund to the Board of Regents of the University
4.10 of Minnesota to form a multidisciplinary
4.11 center to perform coordinated research on the
4.12 detection, prevention, and treatment of chronic
4.13 wasting and other prion diseases threatening
4.14 wildlife across Minnesota. Money
4.15 appropriated in this paragraph may also be
4.16 spent on a strategic plan, capital equipment,
4.17 and staff as approved in the work plan required
4.18 under Minnesota Statutes, section 116P.05.

4.19 Money appropriated in this paragraph may not
4.20 be spent on activities unless they are directly
4.21 related to and necessary for the purposes of
4.22 this paragraph. Money appropriated in this
4.23 paragraph must not be spent on indirect costs
4.24 or other institutional overhead charges that are
4.25 not directly related to and necessary for the
4.26 purposes of this paragraph. This appropriation
4.27 is subject to Minnesota Statutes, section
4.28 116P.10. This is a onetime appropriation and
4.29 is available until June 30, 2026.

4.30 **(j) Sweetening the Crop: Perennial Flax for**
4.31 **Ecosystem Benefits**

4.32 \$490,000 the second year is from the trust
4.33 fund to the Board of Regents of the University
4.34 of Minnesota to produce, select, and evaluate
4.35 how perennial flax provides pollinator and

5.1 other ecosystem services while enhancing
 5.2 yield for oilseed, fiber, and honey production.

5.3 **(k) Beavers, Trees, and Climate - Increasing**
 5.4 **Floodplain Forest Resilience**

5.5 \$297,000 the second year is from the trust
 5.6 fund to the commissioner of natural resources
 5.7 for an agreement with the National Park
 5.8 Service, Mississippi National River and
 5.9 Recreation Area, to identify solutions for
 5.10 saving floodplain wildlife habitat from beaver
 5.11 herbivory, changes in climate, and emerald
 5.12 ash borer.

5.13 **Subd. 4. Water Resources**

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3,744,000

5.14 **(a) Scaling a Market-Driven Water-Quality**
 5.15 **Solution for Row-Crop Farming**

5.16 \$476,000 the second year is from the trust
 5.17 fund to the Board of Regents of the University
 5.18 of Minnesota to work with farmers to
 5.19 accelerate adoption of grain-camelina rotations
 5.20 in targeted watersheds as a scalable and
 5.21 market-driven way to enhance stewardship of
 5.22 soil, water, and wildlife.

5.23 **(b) Methods to Destroy PFAS in Landfill**
 5.24 **Leachates**

5.25 \$200,000 the second year is from the trust
 5.26 fund to the Board of Regents of the University
 5.27 of Minnesota to develop and examine methods
 5.28 for destruction of per- and polyfluoroalkyl
 5.29 substances (PFAS) in landfill leachate. This
 5.30 appropriation is subject to Minnesota Statutes,
 5.31 section 116P.10.

5.32 **(c) High Temperature Anaerobic Digestion of**
 5.33 **Sewage Sludge**

5.34 \$208,000 the second year is from the trust
 5.35 fund to the Board of Regents of the University

6.1 of Minnesota to demonstrate that high
6.2 temperature anaerobic digestion is effective
6.3 at treating sewage sludge and preventing
6.4 disease-causing microorganisms and antibiotic
6.5 resistance genes from being released into the
6.6 environment.

6.7 **(d) Mitigating Cyanobacterial Blooms and**
6.8 **Toxins Using Clay-Algae Flocculation**

6.9 \$264,000 the second year is from the trust
6.10 fund to the Board of Regents of the University
6.11 of Minnesota for St. Anthony Falls Laboratory
6.12 to develop and test a clay-algae flocculation
6.13 method to mitigate cyanobacterial blooms that
6.14 can contaminate drinking water and cause
6.15 mass fish mortality. This appropriation is
6.16 subject to Minnesota Statutes, section 116P.10.

6.17 **(e) Changing Winters and Game Fish in**
6.18 **Minnesota Lakes**

6.19 \$200,000 the second year is from the trust
6.20 fund to the Board of Regents of the University
6.21 of Minnesota for the Large Lakes Observatory
6.22 in Duluth to determine how changing winter
6.23 conditions such as ice cover, snowfall patterns,
6.24 and water quality affect Minnesota's game fish
6.25 populations.

6.26 **(f) Rainy River Drivers of Lake of the Woods**
6.27 **Algal Blooms**

6.28 \$526,000 the second year is from the trust
6.29 fund to the commissioner of natural resources
6.30 for an agreement with the United States
6.31 Geological Survey, Upper Midwest Water
6.32 Science Center, to guide the reduction of
6.33 phosphorus inputs to Lake of the Woods by
6.34 examining sources, mobility, and storage of
6.35 sediment-bound phosphorus in the Rainy

7.1 River. This appropriation is available until
7.2 June 30, 2026, by which time the project must
7.3 be completed and final products delivered.

7.4 **(g) Increased Intense Rain and Flooding in**
7.5 **Minnesota's Watersheds**

7.6 \$192,000 the second year is from the trust
7.7 fund to the Science Museum of Minnesota for
7.8 the St. Croix Watershed Research Station to
7.9 partner with local communities to determine
7.10 the causes of increased flooding and the most
7.11 cost-effective solutions for reducing flood risk
7.12 in the Cottonwood River watershed and other
7.13 agricultural watersheds in southern Minnesota.

7.14 **(h) Removing CECs from Stormwater with**
7.15 **Biofiltration**

7.16 \$439,000 the second year is from the trust
7.17 fund to the Board of Regents of the University
7.18 of Minnesota for the St. Anthony Falls
7.19 Laboratory to optimize designs for removing
7.20 contaminants of emerging concern (CECs)
7.21 from stormwater runoff with biofiltration and
7.22 to develop guidance on biofiltration use for
7.23 Minnesota stormwater managers.

7.24 **(i) Is the Tire Chemical 6PPDq Killing**
7.25 **Minnesota's Fish?**

7.26 \$354,000 the second year is from the trust
7.27 fund to the Board of Regents of the University
7.28 of Minnesota to optimize detection methods,
7.29 determine environmental occurrence, and
7.30 evaluate risk to Minnesota's fish populations
7.31 of the toxic tire-derived chemical 6PPDq.

7.32 **(j) Mitigation Strategies for Agroplastic PFAS**
7.33 **and Microplastic Contamination**

7.34 \$169,000 the second year is from the trust
7.35 fund to the Board of Regents of the University

8.1 of Minnesota for the West Central Research
 8.2 and Outreach Center, Morris, to study plastic
 8.3 use in the agricultural supply chain and to
 8.4 research and communicate strategies to reduce
 8.5 impacts of this plastic use, including water
 8.6 and land contamination from microplastics,
 8.7 PFAS, and related compounds.

8.8 **(k) Innovative Technology for PFAS Destruction**
 8.9 **in Drinking Water**

8.10 \$350,000 the second year is from the trust
 8.11 fund to the Board of Regents of the University
 8.12 of Minnesota for the Southern Research and
 8.13 Outreach Center to develop and demonstrate
 8.14 a treatment process based on continuous
 8.15 liquid-phase plasma discharge technology to
 8.16 destroy per- and polyfluoroalkyl substances
 8.17 (PFAS) in drinking water. This appropriation
 8.18 is subject to Minnesota Statutes, section
 8.19 116P.10.

8.20 **(l) PFAS Contaminant Mitigation Using Hybrid**
 8.21 **Engineered Wetlands**

8.22 \$366,000 the second year is from the trust
 8.23 fund to the commissioner of natural resources
 8.24 for an agreement with St. Louis County to
 8.25 design, implement, and evaluate an innovative
 8.26 method for protecting water resources through
 8.27 mitigation of per- and polyfluoroalkyl
 8.28 substances (PFAS) from landfill leachate using
 8.29 engineered wetland treatment systems.

8.30 **Subd. 5. Environmental Education**

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3,005,000

8.31 **(a) Teacher Field School: Stewardship through**
 8.32 **Nature-Based Education**

8.33 \$310,000 the second year is from the trust
 8.34 fund to the commissioner of natural resources
 8.35 for an agreement with Hamline University to

- 9.1 create an immersive, research-backed field
- 9.2 school for teachers to use nature-based
- 9.3 education to benefit student well-being and
- 9.4 academic outcomes while increasing
- 9.5 stewardship habits.
- 9.6 **(b) Increasing K-12 Student Learning to Develop**
- 9.7 **Environmental Awareness, Appreciation, and**
- 9.8 **Interest**
- 9.9 \$1,000,000 the second year is from the trust
- 9.10 fund to the commissioner of natural resources
- 9.11 for an agreement with Osprey Wilds
- 9.12 Environmental Learning Center to partner with
- 9.13 Minnesota's five other accredited residential
- 9.14 environmental learning centers to provide
- 9.15 needs-based scholarships to at least 25,000
- 9.16 K-12 students statewide for immersive
- 9.17 multiday environmental learning experiences.
- 9.18 **(c) Expanding Access to Wildlife Learning Bird**
- 9.19 **by Bird**
- 9.20 \$200,000 the second year is from the trust
- 9.21 fund to the commissioner of natural resources
- 9.22 to engage young people from diverse
- 9.23 communities in wildlife conservation through
- 9.24 bird-watching in schools, outdoor leadership
- 9.25 training, and participating in neighborhood
- 9.26 bird walks.
- 9.27 **(d) Engaging a Diverse Public in Environmental**
- 9.28 **Stewardship**
- 9.29 \$200,000 the second year is from the trust
- 9.30 fund to the commissioner of natural resources
- 9.31 for an agreement with Great River Greening
- 9.32 to increase participation in natural resources
- 9.33 restoration efforts through volunteer,
- 9.34 internship, and youth engagement activities
- 9.35 that target diverse audiences more accurately

10.1 reflecting local demographic and
10.2 socioeconomic conditions in Minnesota.

10.3 **(e) LCCMR Stories: Sharing Minnesota's**
10.4 **Biggest Environmental Investment**

10.5 \$200,000 the second year is from the trust
10.6 fund to the Science Museum of Minnesota to
10.7 enhance public education about the results of
10.8 Legislative-Citizen Commission on Minnesota
10.9 Resources-recommended research, including
10.10 through a free online interactive map, in-depth
10.11 videos, and public events.

10.12 **(f) Bugs Below Zero: Engaging Citizens in**
10.13 **Winter Research**

10.14 \$198,000 the second year is from the trust
10.15 fund to the Board of Regents of the University
10.16 of Minnesota to raise awareness about the
10.17 winter life of bugs, inspire learning about
10.18 stream food webs, and engage citizen scientists
10.19 in research and environmental stewardship.

10.20 **(g) ESTEP: Earth Science Teacher Education**
10.21 **Project**

10.22 \$317,000 the second year is from the trust
10.23 fund to the commissioner of natural resources
10.24 for an agreement with the Minnesota Science
10.25 Teachers Association to provide professional
10.26 development for Minnesota science teachers
10.27 in environmental and earth science to
10.28 strengthen environmental education in schools.

10.29 **(h) YES! Students Take Action to Complete Eco**
10.30 **Projects**

10.31 \$199,000 the second year is from the trust
10.32 fund to the commissioner of natural resources
10.33 for an agreement with Prairie Woods
10.34 Environmental Learning Center, in partnership
10.35 with Ney Nature Center and Laurentian

11.1 Environmental Center, to empower Minnesota
 11.2 youth to connect with natural resource experts,
 11.3 identify ecological challenges, and take action
 11.4 to complete innovative projects in their
 11.5 communities.

11.6 **(i) Increasing Diversity in Environmental**
 11.7 **Careers**

11.8 \$182,000 the second year is from the trust
 11.9 fund to the commissioner of natural resources,
 11.10 in cooperation with Conservation Corps
 11.11 Minnesota and Iowa, to encourage a diversity
 11.12 of students to pursue careers in the
 11.13 environment and natural resources through
 11.14 internships, mentorships, and fellowships with
 11.15 the Department of Natural Resources, the
 11.16 Board of Water and Soil Resources, and the
 11.17 Pollution Control Agency.

11.18 **(j) Diversity and Access to Wildlife-Related**
 11.19 **Opportunities**

11.20 \$199,000 the second year is from the trust
 11.21 fund to the Board of Regents of the University
 11.22 of Minnesota to broaden the state's
 11.23 conservation constituency by researching
 11.24 diverse communities' values about nature and
 11.25 wildlife experiences and identifying barriers
 11.26 to engagement.

11.27 **Subd. 6. Aquatic and Terrestrial Invasive**
 11.28 **Species**

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4,174,000

11.29 **(a) Minnesota Invasive Terrestrial Plants and**
 11.30 **Pests Center**

11.31 \$4,000,000 the second year is from the trust
 11.32 fund to the Board of Regents of the University
 11.33 of Minnesota to support the Minnesota
 11.34 Invasive Terrestrial Plants and Pests Center
 11.35 to fund high-priority research projects to better

12.1 manage invasive plants, pathogens, and pests
 12.2 on Minnesota's natural and agricultural lands.
 12.3 This appropriation is subject to Minnesota
 12.4 Statutes, section 116P.10. This appropriation
 12.5 is available until June 30, 2027, by which time
 12.6 the project must be completed and final
 12.7 products delivered.

12.8 **(b) Purple Loosestrife Biocontrol Citizen Science**
 12.9 **Program**

12.10 \$174,000 the second year is from the trust
 12.11 fund to the commissioner of natural resources
 12.12 for an agreement with the Wild Rivers
 12.13 Conservancy to protect and restore native
 12.14 ecosystems by identifying purple loosestrife
 12.15 in priority management areas and engaging,
 12.16 educating, and empowering citizens to use an
 12.17 approved purple loosestrife biocontrol in
 12.18 Minnesota's St. Croix River watershed.

12.19 **Subd. 7. Air Quality and Renewable Energy** -0- 1,253,000

12.20 **(a) Using Minnesota Timber to Mitigate Landfill**
 12.21 **Methane Emissions**

12.22 \$753,000 the second year is from the trust
 12.23 fund to the Board of Regents of the University
 12.24 of Minnesota for the Natural Resources
 12.25 Research Institute in Duluth to design,
 12.26 develop, and test biochar-based landfill covers
 12.27 to reduce methane emissions in Minnesota
 12.28 through natural biological processes. This
 12.29 appropriation is subject to Minnesota Statutes,
 12.30 section 116P.10.

12.31 **(b) Green Solar Cells from a Minnesota Natural**
 12.32 **Resource**

12.33 \$330,000 the second year is from the trust
 12.34 fund to the Board of Regents of the University
 12.35 of Minnesota to develop an efficient, low cost,

13.1 and nontoxic pyrite solar cell and conduct a
 13.2 feasibility study for using Iron Range
 13.3 resources to manufacture this product. This
 13.4 appropriation is subject to Minnesota Statutes,
 13.5 section 116P.10.

13.6 **(c) Morris GHG Emissions Inventory and**
 13.7 **Mitigation Strategies**

13.8 \$170,000 the second year is from the trust
 13.9 fund to the commissioner of natural resources
 13.10 for an agreement with the city of Morris to
 13.11 conserve natural resources by conducting a
 13.12 greenhouse gas (GHG) emissions inventory
 13.13 of city and county operations as part of the
 13.14 Morris Model partnership, implementing
 13.15 policy to achieve targeted reductions, and
 13.16 disseminating findings. This appropriation is
 13.17 available until June 30, 2026, by which time
 13.18 the project must be completed and final
 13.19 products delivered.

13.20 **Subd. 8. Methods to Protect, Restore, and**
 13.21 **Enhance Land, Water, and Habitat**

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10,861,000

13.22 **(a) Minnesota's Volunteer Rare Plant**
 13.23 **Conservation Corps**

13.24 \$515,000 the second year is from the trust
 13.25 fund to the Board of Regents of the University
 13.26 of Minnesota for the Minnesota Landscape
 13.27 Arboretum to partner with the Department of
 13.28 Natural Resources and the Minnesota Native
 13.29 Plant Society to establish and train a volunteer
 13.30 corps to survey, monitor, and bank seed from
 13.31 Minnesota's rare plant populations and
 13.32 enhance the effectiveness and efficiencies of
 13.33 conservation efforts.

13.34 **(b) Conservation Corps Veterans Service Corps**
 13.35 **Program**

14.1 \$1,339,000 the second year is from the trust
14.2 fund to the commissioner of natural resources
14.3 for an agreement with Conservation Corps
14.4 Minnesota to create a Veterans Service Corps
14.5 program to accelerate natural resource
14.6 restorations in Minnesota while providing
14.7 workforce development opportunities for the
14.8 state's veterans.

14.9 **(c) Conservation Cooperative for Working**
14.10 **Lands**

14.11 \$750,000 the second year is from the trust
14.12 fund to the commissioner of natural resources
14.13 for an agreement with Pheasants Forever Inc.
14.14 to increase adoption of voluntary conservation
14.15 practices on working lands in Minnesota by
14.16 hiring personnel to provide technical
14.17 assistance to farmers and landowners while
14.18 also attracting federal matching funds.

14.19 **(d) Root River Habitat Restoration Project**

14.20 \$537,000 the second year is from the trust
14.21 fund to the commissioner of natural resources
14.22 for an agreement with Eagle Bluff
14.23 Environmental Learning Center to restore
14.24 flood-damaged Root River stream bank and
14.25 instream habitat and incorporate monitoring
14.26 into the center's curriculum to evaluate the
14.27 restoration's success.

14.28 **(e) Hastings Lake Rebecca Park Area**

14.29 \$1,200,000 the second year is from the trust
14.30 fund to the commissioner of natural resources
14.31 for an agreement with the city of Hastings to
14.32 develop an ecological-based master plan for
14.33 Lake Rebecca Park and to enhance habitat
14.34 quality and construct passive recreational
14.35 facilities consistent with the master plan. No

15.1 funds for implementation may be spent until
15.2 the master plan is complete.

15.3 **(f) River Habitat Restoration and Recreation in**
15.4 **Melrose**

15.5 \$350,000 the second year is from the trust
15.6 fund to the commissioner of natural resources
15.7 for an agreement with the city of Melrose to
15.8 conduct habitat restoration and create fishing,
15.9 canoeing, and camping opportunities along a
15.10 segment of the Sauk River within the city of
15.11 Melrose and to provide public education about
15.12 stream restoration, fish habitat, and the
15.13 importance of natural areas.

15.14 **(g) Restoring Forests and Savannas Using**
15.15 **Silvopasture - Phase 2**

15.16 \$414,000 the second year is from the trust
15.17 fund to the commissioner of natural resources
15.18 for an agreement with Great River Greening
15.19 to continue to partner with the University of
15.20 Minnesota and the Sustainable Farming
15.21 Association to demonstrate, evaluate, and
15.22 increase adoption of the combined use of
15.23 intensive tree, forage, and livestock
15.24 management as a method to restore threatened
15.25 oak savanna habitats.

15.26 **(h) Mitigating the Effects of Visitor Use Patterns**

15.27 \$310,000 the second year is from the trust
15.28 fund to the commissioner of natural resources
15.29 for an agreement with the Superior Hiking
15.30 Trail Association to rehabilitate and renew
15.31 Superior Hiking Trail campsites, trailheads,
15.32 and trail segments for a more resilient future
15.33 amid unprecedented use.

15.34 **(i) PFAS Fungal-Wood Chip Filtering System**

16.1 \$189,000 the second year is from the trust
16.2 fund to the Board of Regents of the University
16.3 of Minnesota to identify, develop, and
16.4 field-test various types of waste wood chips
16.5 and fungi to sequester and degrade PFAS
16.6 leachate from contaminated waste sites. This
16.7 appropriation is subject to Minnesota Statutes,
16.8 section 116P.10.

16.9 **(j) Phytoremediation for Extracting Deicing Salt**

16.10 \$365,000 the second year is from the trust
16.11 fund to the Board of Regents of the University
16.12 of Minnesota to protect lands and waters from
16.13 contamination by collaborating with the
16.14 Department of Transportation to develop
16.15 methods for using native plants to remediate
16.16 roadside deicing salt.

16.17 **(k) Mustinka River Fish and Wildlife Habitat**
16.18 **Corridor Rehabilitation**

16.19 \$2,692,000 the second year is from the trust
16.20 fund to the commissioner of natural resources
16.21 for an agreement with the Bois de Sioux
16.22 Watershed District to permanently rehabilitate
16.23 a straightened reach of the Mustinka River to
16.24 a naturally functioning stream channel and
16.25 floodplain corridor for water, fish, and wildlife
16.26 benefits.

16.27 **(l) Bohemian Flats Savanna Restoration**

16.28 \$200,000 the second year is from the trust
16.29 fund to the commissioner of natural resources
16.30 for an agreement with Minneapolis Park and
16.31 Recreation Board to restore an area of
16.32 compacted urban turf within Bohemian Flats
16.33 Park and adjacent to the Mississippi River to
16.34 an oak savanna ecosystem.

17.1 **(m) Watershed and Forest Restoration: What**
 17.2 **a Match!**

17.3 \$2,000,000 the second year is from the trust
 17.4 fund to the Board of Water and Soil
 17.5 Resources, in cooperation with soil and water
 17.6 conservation districts, the Mille Lacs Band of
 17.7 Ojibwe, and the Department of Natural
 17.8 Resources, to accelerate tree planting on
 17.9 privately owned, protected lands for
 17.10 water-quality protection and carbon
 17.11 sequestration.

17.12 **Subd. 9. Land Acquisition, Habitat, and**
 17.13 **Recreation**

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26,646,000

17.14 **(a) Mesabi Trail: Wahlsten Road (CR 26) to**
 17.15 **Tower**

17.16 \$1,307,000 the second year is from the trust
 17.17 fund to the commissioner of natural resources
 17.18 for an agreement with the St. Louis and Lake
 17.19 Counties Regional Railroad Authority to
 17.20 acquire, engineer, and construct a segment of
 17.21 the Mesabi Trail beginning at the intersection
 17.22 of Wahlsten Road (CR 26) and Benson Road
 17.23 in Embarrass and extending to Tower.

17.24 **(b) The Missing Link: Gull Lake Trail, Fairview**
 17.25 **Township**

17.26 \$1,394,000 the second year is from the trust
 17.27 fund to the commissioner of natural resources
 17.28 for an agreement with Fairview Township to
 17.29 complete the Gull Lake Trail by engineering
 17.30 and constructing the trail's final segment
 17.31 through Fairview Township in the Brainerd
 17.32 Lakes area.

17.33 **(c) Pierz Park and Campground Expansion**
 17.34 **Project**

18.1 \$200,000 the second year is from the trust
18.2 fund to the commissioner of natural resources
18.3 for an agreement with the city of Pierz to
18.4 purchase land adjacent to a city-owned park
18.5 and campground for conservation and
18.6 recreational uses and to create a master plan
18.7 for the park and campground to serve regional
18.8 natural resource and recreational needs.

18.9 **(d) Redhead Mountain Bike Park**

18.10 \$1,285,000 the second year is from the trust
18.11 fund to the commissioner of natural resources
18.12 for an agreement with the Minnesota
18.13 Discovery Center to enhance outdoor
18.14 recreational opportunities by adding trails and
18.15 recreational amenities to the Redhead
18.16 Mountain Bike Park in Chisholm.

18.17 **(e) Environmental Learning Classroom with**
18.18 **Trails**

18.19 \$82,000 the second year is from the trust fund
18.20 to the commissioner of natural resources for
18.21 an agreement with Mountain Iron-Buhl Public
18.22 Schools to build an outdoor classroom
18.23 pavilion, accessible trails, and a footbridge
18.24 within the Mountain Iron-Buhl School Forest
18.25 to conduct environmental education that
18.26 cultivates a lasting conservation ethic.

18.27 **(f) Local Parks, Trails, and Natural Areas Grant**
18.28 **Programs**

18.29 \$4,000,000 the second year is from the trust
18.30 fund to the commissioner of natural resources
18.31 to solicit, rank, and fund competitive matching
18.32 grants for local parks, trail connections, and
18.33 natural and scenic areas under Minnesota
18.34 Statutes, section 85.019. This appropriation is
18.35 for local nature-based recreation, connections

19.1 to regional and state natural areas, and
19.2 recreation facilities and may not be used for
19.3 athletic facilities such as sport fields, courts,
19.4 and playgrounds.

19.5 **(g) St. Louis River Re-Connect**

19.6 \$1,200,000 the second year is from the trust
19.7 fund to the commissioner of natural resources
19.8 for an agreement with the city of Duluth to
19.9 expand recreational access along the St. Louis
19.10 River and estuary by implementing the St.
19.11 Louis River National Water Trail outreach
19.12 plan, designing and constructing upgrades and
19.13 extensions to the Waabizheshikana Trail, and
19.14 installing interpretive features that describe
19.15 the cultural and ecological significance of the
19.16 area.

19.17 **(h) Native Prairie Stewardship and Prairie Bank**
19.18 **Easement Acquisition**

19.19 \$500,000 the second year is from the trust
19.20 fund to the commissioner of natural resources
19.21 to provide technical stewardship assistance to
19.22 private landowners, restore and enhance native
19.23 prairie protected by easements in the native
19.24 prairie bank, and acquire easements for the
19.25 native prairie bank in accordance with
19.26 Minnesota Statutes, section 84.96, including
19.27 preparing initial baseline property assessments.
19.28 Up to \$60,000 of this appropriation may be
19.29 deposited in the natural resources conservation
19.30 easement stewardship account created under
19.31 Minnesota Statutes, section 84.69, proportional
19.32 to the number of easements acquired.

19.33 **(i) Minnesota State Parks and State Trails**
19.34 **Acquisitions**

20.1 \$1,600,000 the second year is from the trust
20.2 fund to the commissioner of natural resources
20.3 to acquire high-priority inholdings from
20.4 willing sellers within the legislatively
20.5 authorized boundaries of state parks,
20.6 recreation areas, and trails to protect
20.7 Minnesota's natural heritage, enhance outdoor
20.8 recreation, and improve the efficiency of
20.9 public land management.

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

20.11 \$1,650,000 the second year is from the trust
20.12 fund to the commissioner of natural resources
20.13 for an agreement with the city of Silver Bay
20.14 to develop a multimodal trailhead center to
20.15 provide safe access to the Superior,
20.16 Gitchi-Gami, and C.J. Ramstad/North Shore
20.17 trails; Black Beach Park; and other
20.18 recreational destinations.

20.19 **(k) Minnesota State Trails Development**

20.20 \$6,022,000 the second year is from the trust
20.21 fund to the commissioner of natural resources
20.22 to expand recreational opportunities on
20.23 Minnesota state trails by rehabilitating and
20.24 enhancing existing state trails and replacing
20.25 or repairing existing state trail bridges.

20.26 **(l) Brookston Campground, Boat Launch, and**
20.27 **Outdoor Recreational Facility**

20.28 \$453,000 the second year is from the trust
20.29 fund to the commissioner of natural resources
20.30 for an agreement with the city of Brookston
20.31 to build a campground, boat launch, and
20.32 outdoor recreation area on the banks of the St.
20.33 Louis River in northeastern Minnesota. Before
20.34 any trust fund dollars are spent, the city must
20.35 demonstrate that all funds to complete the

21.1 project are secured and a fiscal agent must be
21.2 approved in the work plan.

21.3 **(m) Silver Lake Trail Connection**

21.4 \$727,000 the second year is from the trust
21.5 fund to the commissioner of natural resources
21.6 for an agreement with the city of Virginia to
21.7 design, engineer, and construct a multiuse trail
21.8 that will connect Silver Lake Trail to a new
21.9 Miners Entertainment and Convention Center
21.10 and provide lighting on Bailey Lake Trail.

21.11 **(n) Preserving the Avon Hills with**
21.12 **Reverse-Bidding Easements**

21.13 \$1,604,000 the second year is from the trust
21.14 fund to the commissioner of natural resources
21.15 for an agreement with Saint John's University,
21.16 in cooperation with Minnesota Land Trust, to
21.17 use a reverse-bid ranking system to
21.18 permanently protect, restore, and enhance
21.19 habitat in the Avon Hills area of Stearns
21.20 County. Of this amount, up to \$192,000 is for
21.21 use by Minnesota Land Trust in a monitoring
21.22 fund as approved in the work plan and subject
21.23 to Minnesota Statutes, section 116P.20. An
21.24 annual financial report is required for any
21.25 monitoring, management, and enforcement
21.26 fund, including expenditures from the fund.
21.27 A proposed list of acquisitions and restorations
21.28 must be provided in the work plan. This
21.29 appropriation is available until June 30, 2027,
21.30 by which time the project must be completed
21.31 and final products delivered.

21.32 **(o) Floodwood Campground Improvement**
21.33 **Project**

21.34 \$816,000 the second year is from the trust
21.35 fund to the commissioner of natural resources

22.1 for an agreement with the city of Floodwood
22.2 to upgrade the Floodwood Campground and
22.3 connecting trails to provide high-quality nature
22.4 and recreation experience for people of all
22.5 ages.

22.6 **(p) SNA Habitat Restoration, Public**
22.7 **Engagement, and Protection**

22.8 \$1,000,000 the second year is from the trust
22.9 fund to the commissioner of natural resources
22.10 for the scientific and natural areas (SNA)
22.11 program to restore and enhance exceptional
22.12 habitat on SNAs; increase public involvement
22.13 and outreach; and strategically acquire lands
22.14 that meet criteria for SNAs under Minnesota
22.15 Statutes, section 86A.05, from willing sellers.

22.16 **(q) Ranier Safe Harbor/Transient Dock - Phase**
22.17 **2**

22.18 \$1,113,000 the second year is from the trust
22.19 fund to the commissioner of natural resources
22.20 for an agreement with the city of Ranier to
22.21 construct a safe harbor and transient dock to
22.22 accommodate watercraft of many sizes to
22.23 improve public access for boat recreation on
22.24 Rainy Lake. Before trust fund dollars are
22.25 spent, a fiscal agent must be approved in the
22.26 work plan. Before any trust fund dollars are
22.27 spent, the city must demonstrate that all funds
22.28 to complete the project are secured. Any
22.29 revenue generated from selling products or
22.30 assets developed or acquired with this
22.31 appropriation must be repaid to the trust fund
22.32 unless a plan is approved for reinvestment of
22.33 income in the project as provided under
22.34 Minnesota Statutes, section 116P.10.

22.35 **(r) Prospector ATV Trails**

23.1 \$944,000 the second year is from the trust
 23.2 fund to the commissioner of natural resources
 23.3 for an agreement with the city of Ely to work
 23.4 with the Prospector ATV Club to extend and
 23.5 upgrade several sections of the Prospector
 23.6 ATV trail system.

23.7 **(s) City of Biwabik Recreation Area**

23.8 \$749,000 the second year is from the trust
 23.9 fund to the commissioner of natural resources
 23.10 for an agreement with the city of Biwabik to
 23.11 reconstruct and renovate Biwabik Recreation
 23.12 Area's access road, parking area, and bathroom
 23.13 facilities.

23.14 **Subd. 10. Emerging Issues** -0- 15,575,000

23.15 **(a) Aggregate Resource Mapping**

23.16 \$500,000 the second year is from the trust
 23.17 fund to the commissioner of natural resources
 23.18 for continued mapping of the aggregate
 23.19 resource potential in the state of Minnesota
 23.20 and to make the information available in print
 23.21 and electronic format to local units of
 23.22 government for use in planning and zoning.

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

23.24 \$200,000 the second year is from the trust
 23.25 fund to the commissioner of administration
 23.26 for a grant to the city of Paynesville to procure
 23.27 an analysis of the extent of leaded gasoline
 23.28 contamination in or near the cities of
 23.29 Paynesville, Foley, Alexandria, and Blaine,
 23.30 and of the threat posed by the contamination
 23.31 to each city's drinking water supply. The
 23.32 vendor selected to perform the analysis must
 23.33 use the same methodology to conduct the
 23.34 analysis for each city and must produce

24.1 findings that are comparable between cities.
24.2 The cities must work cooperatively to select
24.3 a vendor. By January 15, 2024, the city
24.4 administrator of the city of Paynesville must
24.5 report the results of the analysis to the chairs
24.6 and ranking minority members of the house
24.7 of representatives and senate committees and
24.8 divisions with jurisdiction over environment
24.9 and natural resources.

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

24.11 \$500,000 the second year is from the trust
24.12 fund to the commissioner of transportation for
24.13 contracts to build and improve living snow
24.14 fences consisting of trees, shrubs, native
24.15 grasses, and wildflowers. Money appropriated
24.16 in this paragraph may only be used to acquire
24.17 and plant trees native to Minnesota. This
24.18 appropriation is available until June 30, 2026.

24.19 **(d) Forest Data Inventory**

24.20 \$500,000 the second year is from the trust
24.21 fund to the commissioner of natural resources
24.22 for an enhanced forest inventory on county
24.23 and private lands.

24.24 **(e) Conservation Reserve Program State**
24.25 **Incentives**

24.26 \$1,000,000 the second year is from the trust
24.27 fund to the Board of Water and Soil Resources
24.28 to provide onetime state incentive payments
24.29 to enrollees in the federal Conservation
24.30 Reserve Program (CRP) during the continuous
24.31 enrollment period and to enroll land in
24.32 conservation easements consistent with
24.33 Minnesota Statutes, section 103F.515. The
24.34 board may establish payment rates based on
24.35 land valuation and on environmental benefit

25.1 criteria, including but not limited to surface
25.2 water or groundwater pollution reduction,
25.3 drinking water protection, soil health,
25.4 pollinator and wildlife habitat, and other
25.5 conservation enhancements. The board may
25.6 use state funds to implement the program and
25.7 to provide technical assistance to landowners
25.8 or their agents to fulfill enrollment and
25.9 contract provisions. The board must consult
25.10 with the commissioners of agriculture, health,
25.11 natural resources, and the Pollution Control
25.12 Agency and the United States Department of
25.13 Agriculture in establishing program criteria.
25.14 This appropriation is available until June 30,
25.15 2026.

25.16 **(f) Ditch Improvements for Control of Water**
25.17 **Levels**

25.18 \$500,000 the second year is from the trust
25.19 fund to the commissioner of natural resources
25.20 for grants to counties and townships for repair
25.21 and maintenance of ditches not included
25.22 within a public ditch system that provide water
25.23 level control of lakes and wetlands to prevent
25.24 erosion.

25.25 **(g) Pipeline Conservation Program**

25.26 \$500,000 the second year is from the trust
25.27 fund to the Board of Water and Soil Resources
25.28 to award grants to nonprofit organizations with
25.29 a conservation mission and to secondary and
25.30 postsecondary schools as part of a
25.31 conservation curriculum to plant pipeline
25.32 rights-of-way and easements with native
25.33 vegetation, pollinator-friendly forbs, or
25.34 legumes to protect a diversity of pollinators.
25.35 Before a grant is disbursed, a grant applicant

26.1 must enter an agreement with a pipeline
26.2 operator that allows access to the right-of-way
26.3 or easement for the project. Habitat restoration
26.4 and enhancement are eligible for grants under
26.5 this paragraph. Grants awarded under this
26.6 paragraph may be for up to 75 percent of the
26.7 costs of a project. This appropriation is
26.8 available until June 30, 2024.

26.9 **(h) Groundwater Storage and Recovery**
26.10 **Database**

26.11 \$421,000 the second year is from the trust
26.12 fund to the commissioner of natural resources
26.13 to complete a centralized aquifer property
26.14 database to provide needed data for site
26.15 characterization.

26.16 **(i) Replacement of Drought-Killed Seedlings**

26.17 \$1,500,000 the second year is from the trust
26.18 fund to the commissioner of natural resources
26.19 to replace drought-killed seedlings on
26.20 Department of Natural Resources-managed
26.21 lands and to administer grants to Tribal,
26.22 county, and private forestland owners to
26.23 replace drought-killed seedlings on their land.
26.24 Seedling replacement includes site prep,
26.25 replanting, and tending seedlings. This
26.26 appropriation is available until June 30, 2027.

26.27 **(j) Rural and Farmstead Ring Levies**

26.28 \$360,000 the second year is from the trust
26.29 fund to the commissioner of natural resources
26.30 for grants to assist in constructing rural and
26.31 farmstead ring levees for flood protection in
26.32 the Red River watershed. A grant may not
26.33 exceed 50 percent of the cost of the project.

26.34 **(k) Replacing Falling Septic Systems to Protect**
26.35 **Groundwater**

27.1 \$2,000,000 the second year is from the trust
27.2 fund to the Board of Water and Soil Resources
27.3 to provide grants to rural landowners to
27.4 replace failing septic systems that inadequately
27.5 protect groundwater. Rural landowners, as
27.6 defined in Minnesota Statutes, section 17.117,
27.7 subdivision 4, with income below 300 percent
27.8 of the federal poverty guidelines for the
27.9 applicable family size, shall be eligible for a
27.10 grant under this paragraph. A grant awarded
27.11 under this paragraph shall not exceed the lesser
27.12 of \$5,000 or 35 percent of the cost of replacing
27.13 the failed or failing septic system. The
27.14 issuance of a loan under Minnesota Statutes,
27.15 section 17.117, for the purpose of replacing a
27.16 failed septic system, shall not preclude a rural
27.17 landowner from obtaining a grant under this
27.18 paragraph or vice versa. This appropriation is
27.19 available until June 30, 2025.

27.20 **(l) Healthy Soils Best Management Program**

27.21 \$2,000,000 the second year is from the trust
27.22 fund to the commissioner of agriculture for a
27.23 healthy soil best management practices grant
27.24 program that will: increase the quantity of
27.25 organic carbon in soil through practices,
27.26 including but not limited to reduced tillage,
27.27 cover cropping, manure management,
27.28 precision agriculture, crop rotations, and
27.29 changes in grazing management; integrate
27.30 perennial vegetation into management of
27.31 agricultural lands; reduce nitrous oxide and
27.32 methane emissions through changes to
27.33 livestock, soil management, or nutrient
27.34 optimization; increase the usage of precision
27.35 agricultural practices; enable the development

28.1 of site-specific management plans; or enable
28.2 the purchase of equipment, technology,
28.3 subscriptions, technical assistance, seeds,
28.4 seedlings, or amendments that will further any
28.5 of the purposes of soil health.

28.6 **(m) Forever Green**

28.7 \$2,000,000 the second year is from the trust
28.8 fund to the commissioner of agriculture for
28.9 grants to the Board of Regents of the
28.10 University of Minnesota to fund the Forever
28.11 Green Agriculture Initiative and protect the
28.12 state's natural resources while increasing the
28.13 efficiency, profitability, and productivity of
28.14 Minnesota farmers by incorporating perennial
28.15 and winter-annual crops into existing
28.16 agricultural practices.

28.17 **(n) Pig's Eye Landfill Task Force**

28.18 \$800,000 the second year is from the trust
28.19 fund to the commissioner of the pollution
28.20 control agency to establish a Pig's Eye Landfill
28.21 Task Force to coordinate efforts to remediate
28.22 and restore the Pig's Eye Landfill Superfund
28.23 site and address perfluoroalkyl and
28.24 polyfluoroalkyl substances (PFAS)
28.25 contamination of Battle Creek, Pig's Eye Lake,
28.26 and nearby groundwater. The task force must
28.27 be made up of at least the commissioner of
28.28 the Pollution Control Agency, the
28.29 commissioner of natural resources, the
28.30 commissioner of health, a representative from
28.31 the Metropolitan Council, a representative
28.32 from the city of St. Paul, a representative from
28.33 Ramsey County, a representative from Dakota
28.34 County, and representatives from relevant
28.35 federal agencies. The task force is subject to

29.1 Minnesota Statutes, section 15.059,
29.2 subdivision 6. The task force must submit an
29.3 annual report to the chairs and ranking
29.4 minority members of the legislative
29.5 committees and divisions with jurisdiction
29.6 over the environment and natural resources
29.7 on the status of the task force's work. The final
29.8 report is due February 15, 2026. The task force
29.9 expires June 30, 2026. This appropriation is
29.10 available until June 30, 2026.

29.11 **(o) Aquaculture Plan**

29.12 \$100,000 the second year is from the trust
29.13 fund to the commissioner of agriculture to
29.14 provide technical assistance and leadership in
29.15 the development of a comprehensive and
29.16 well-documented state aquaculture plan. The
29.17 commissioner must provide the state
29.18 aquaculture plan to the chairs and ranking
29.19 minority members of the legislative
29.20 committees with jurisdiction over agriculture
29.21 finance and policy by February 15, 2023.

29.22 **(p) Noxious Weeds Prevention Grants**

29.23 \$1,000,000 the second year is from the trust
29.24 fund to the commissioner of agriculture for
29.25 grants to local units of government and Tribal
29.26 Nations for noxious weed detection, control,
29.27 and management.

29.28 **(q) Developing Markets for Continuous Living**
29.29 **Cover Crops**

29.30 \$500,000 the second year is from the trust
29.31 fund to the commissioner of agriculture for
29.32 grants to organizations in Minnesota to
29.33 develop enterprises, supply chains, and
29.34 markets for continuous living cover crops and
29.35 cropping systems in the early stage of

30.1 commercial development, including but not
30.2 limited to regenerative poultry silvopasture
30.3 systems, Kernza perennial grain, winter
30.4 camelina, and elderberry.

30.5 **(r) Demonstration Project for Using Bioethanol**
30.6 **in Diesel Engines to Reduce Greenhouse Gas**
30.7 **Emissions**

30.8 \$800,000 the second year is from the trust
30.9 fund to the commissioner of agriculture for a
30.10 grant to perform an in-state demonstration of
30.11 at least two vehicles that have converted diesel
30.12 engines to run on Minnesota-produced
30.13 bioethanol and to quantify greenhouse gas
30.14 emissions, criteria pollution, and operating
30.15 cost reduction. Data collected will be used to
30.16 inform project partners of the total economic
30.17 and environmental benefit to the state of
30.18 Minnesota.

30.19 **(s) Veterinary Disease Testing for Wild Cervidae**

30.20 \$150,000 the second year is from the trust
30.21 fund to the commissioner of agriculture for a
30.22 grant to the Board of Regents of the University
30.23 of Minnesota to purchase equipment for the
30.24 Veterinary Diagnostic Laboratory to test for
30.25 chronic wasting disease in the wild Cervidae
30.26 population.

30.27 **(t) Emerging Issues Account**

30.28 \$244,000 the second year is from the trust
30.29 fund to an emerging issues account authorized
30.30 in Minnesota Statutes, section 116P.08,
30.31 subdivision 4, paragraph (d).

30.32 **(u) Work Plans Not Required**

30.33 Notwithstanding anything to the contrary in
30.34 this act or in Minnesota Statutes, chapter 116P,

31.1 a work plan shall not be required for any of
 31.2 the projects described in this subdivision.
 31.3 However, all other requirements applicable to
 31.4 the use of environment and natural resources
 31.5 trust fund money remain in force, including
 31.6 the obligation to submit progress reports under
 31.7 Minnesota Statutes, section 116P.05,
 31.8 subdivision 2, and to comply with applicable
 31.9 reporting requirements under Minnesota
 31.10 Statutes, section 116P.16.

31.11 **Subd. 11. Administrative; 2022 Contract**
 31.12 **Agreement Reimbursement**

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132,000

31.13 (a) \$132,000 the second year is from the trust
 31.14 fund to the commissioner of natural resources,
 31.15 at the direction of the Legislative-Citizen
 31.16 Commission on Minnesota Resources, for
 31.17 expenses incurred in preparing and
 31.18 administering contracts, including for the
 31.19 agreements specified in this section.

31.20 (b) \$78,000 is transferred from the amount
 31.21 appropriated under Laws 2021, First Special
 31.22 Session chapter 6, article 5, section 2,
 31.23 subdivision 4, paragraph (b), to the
 31.24 appropriation in paragraph (a) of this
 31.25 subdivision. The commissioner must provide
 31.26 documentation to the Legislative-Citizen
 31.27 Commission on Minnesota Resources on the
 31.28 expenditure of these funds.

31.29 **Subd. 12. Availability of Appropriations**

31.30 Money appropriated in this section may not
 31.31 be spent on activities unless they are directly
 31.32 related to and necessary for a specific
 31.33 appropriation and are specified in the work
 31.34 plan approved by the Legislative-Citizen
 31.35 Commission on Minnesota Resources. Money

32.1 appropriated in this section must not be spent
32.2 on indirect costs or other institutional overhead
32.3 charges that are not directly related to and
32.4 necessary for a specific appropriation. Costs
32.5 that are directly related to and necessary for
32.6 an appropriation, including financial services,
32.7 human resources, information services, rent,
32.8 and utilities, are eligible only if the costs can
32.9 be clearly justified and individually
32.10 documented specific to the appropriation's
32.11 purpose and would not be generated by the
32.12 recipient but for receipt of the appropriation.
32.13 No broad allocations for costs in either dollars
32.14 or percentages are allowed. Unless otherwise
32.15 provided, the amounts in this section are
32.16 available for three years beginning July 1,
32.17 2022, and ending June 30, 2025, when projects
32.18 must be completed and final products
32.19 delivered. For acquisition of real property, the
32.20 appropriations in this section are available for
32.21 an additional fiscal year if a binding contract
32.22 for acquisition of the real property is entered
32.23 into before the expiration date of the
32.24 appropriation. If a project receives a federal
32.25 award, the period of the appropriation is
32.26 extended to equal the federal award period to
32.27 a maximum trust fund appropriation length of
32.28 six years.

32.29 **Subd. 13. Data Availability Requirements Data**

32.30 Data collected by the projects funded under
32.31 this section must conform to guidelines and
32.32 standards adopted by Minnesota IT Services.
32.33 Spatial data must also conform to additional
32.34 guidelines and standards designed to support
32.35 data coordination and distribution that have

33.1 been published by the Minnesota Geospatial
33.2 Information Office. Descriptions of spatial
33.3 data must be prepared as specified in the state's
33.4 geographic metadata guideline and must be
33.5 submitted to the Minnesota Geospatial
33.6 Information Office. All data must be
33.7 accessible and free to the public unless made
33.8 private under the Data Practices Act,
33.9 Minnesota Statutes, chapter 13. To the extent
33.10 practicable, summary data and results of
33.11 projects funded under this section should be
33.12 readily accessible on the Internet and
33.13 identified as having received funding from the
33.14 environment and natural resources trust fund.

33.15 **Subd. 14. Project Requirements**

33.16 (a) Except as provided in subdivision 10,
33.17 paragraph (u), as a condition of accepting an
33.18 appropriation under this section, an agency or
33.19 entity receiving an appropriation or a party to
33.20 an agreement from an appropriation must
33.21 comply with paragraphs (b) to (l) and
33.22 Minnesota Statutes, chapter 116P, and must
33.23 submit a work plan and annual or semiannual
33.24 progress reports in the form determined by the
33.25 Legislative-Citizen Commission on Minnesota
33.26 Resources for any project funded in whole or
33.27 in part with funds from the appropriation.
33.28 Modifications to the approved work plan and
33.29 budget expenditures must be made through
33.30 the amendment process established by the
33.31 Legislative-Citizen Commission on Minnesota
33.32 Resources.

33.33 (b) A recipient of money appropriated in this
33.34 section that conducts a restoration using funds
33.35 appropriated in this section must use native

34.1 plant species according to the Board of Water
34.2 and Soil Resources' native vegetation
34.3 establishment and enhancement guidelines
34.4 and include an appropriate diversity of native
34.5 species selected to provide habitat for
34.6 pollinators throughout the growing season as
34.7 required under Minnesota Statutes, section
34.8 84.973.

34.9 (c) For all restorations conducted with money
34.10 appropriated under this section, a recipient
34.11 must prepare an ecological restoration and
34.12 management plan that, to the degree
34.13 practicable, is consistent with the
34.14 highest-quality conservation and ecological
34.15 goals for the restoration site. Consideration
34.16 should be given to soil, geology, topography,
34.17 and other relevant factors that would provide
34.18 the best chance for long-term success and
34.19 durability of the restoration project. The plan
34.20 must include the proposed timetable for
34.21 implementing the restoration, including site
34.22 preparation, establishment of diverse plant
34.23 species, maintenance, and additional
34.24 enhancement to establish the restoration;
34.25 identify long-term maintenance and
34.26 management needs of the restoration and how
34.27 the maintenance, management, and
34.28 enhancement will be financed; and take
34.29 advantage of the best-available science and
34.30 include innovative techniques to achieve the
34.31 best restoration.

34.32 (d) An entity receiving an appropriation in this
34.33 section for restoration activities must provide
34.34 an initial restoration evaluation at the
34.35 completion of the appropriation and an

35.1 evaluation three years after the completion of
35.2 the expenditure. Restorations must be
35.3 evaluated relative to the stated goals and
35.4 standards in the restoration plan, current
35.5 science, and, when applicable, the Board of
35.6 Water and Soil Resources' native vegetation
35.7 establishment and enhancement guidelines.
35.8 The evaluation must determine whether the
35.9 restorations are meeting planned goals,
35.10 identify any problems with implementing the
35.11 restorations, and, if necessary, give
35.12 recommendations on improving restorations.
35.13 The evaluation must be focused on improving
35.14 future restorations.

35.15 (e) All restoration and enhancement projects
35.16 funded with money appropriated in this section
35.17 must be on land permanently protected by a
35.18 conservation easement or public ownership.

35.19 (f) A recipient of money from an appropriation
35.20 under this section must give consideration to
35.21 contracting with Conservation Corps
35.22 Minnesota for contract restoration and
35.23 enhancement services.

35.24 (g) All conservation easements acquired with
35.25 money appropriated under this section must:

35.26 (1) be permanent;

35.27 (2) specify the parties to an easement in the
35.28 easement;

35.29 (3) specify all provisions of an agreement that
35.30 are permanent;

35.31 (4) be sent to the Legislative-Citizen
35.32 Commission on Minnesota Resources in an
35.33 electronic format at least ten business days
35.34 before closing;

36.1 (5) include a long-term monitoring and
36.2 enforcement plan and funding for monitoring
36.3 and enforcing the easement agreement; and
36.4 (6) include requirements in the easement
36.5 document to protect the quantity and quality
36.6 of groundwater and surface water through
36.7 specific activities such as keeping water on
36.8 the landscape, reducing nutrient and
36.9 contaminant loading, and not permitting
36.10 artificial hydrological modifications.

36.11 (h) For any acquisition of lands or interest in
36.12 lands, a recipient of money appropriated under
36.13 this section must not agree to pay more than
36.14 100 percent of the appraised value for a parcel
36.15 of land using this money to complete the
36.16 purchase, in part or in whole, except that up
36.17 to ten percent above the appraised value may
36.18 be allowed to complete the purchase, in part
36.19 or in whole, using this money if permission is
36.20 received in advance of the purchase from the
36.21 Legislative-Citizen Commission on Minnesota
36.22 Resources.

36.23 (i) For any acquisition of land or interest in
36.24 land, a recipient of money appropriated under
36.25 this section must give priority to high-quality
36.26 natural resources or conservation lands that
36.27 provide natural buffers to water resources.

36.28 (j) For new lands acquired with money
36.29 appropriated under this section, a recipient
36.30 must prepare an ecological restoration and
36.31 management plan in compliance with
36.32 paragraph (c), including sufficient funding for
36.33 implementation unless the work plan addresses
36.34 why a portion of the money is not necessary
36.35 to achieve a high-quality restoration.

37.1 (k) To ensure public accountability for using
37.2 public funds, a recipient of money
37.3 appropriated under this section must, within
37.4 60 days of the transaction, provide to the
37.5 Legislative-Citizen Commission on Minnesota
37.6 Resources documentation of the selection
37.7 process used to identify parcels acquired and
37.8 provide documentation of all related
37.9 transaction costs, including but not limited to
37.10 appraisals, legal fees, recording fees,
37.11 commissions, other similar costs, and
37.12 donations. This information must be provided
37.13 for all parties involved in the transaction. The
37.14 recipient must also report to the
37.15 Legislative-Citizen Commission on Minnesota
37.16 Resources any difference between the
37.17 acquisition amount paid to the seller and the
37.18 state-certified or state-reviewed appraisal, if
37.19 a state-certified or state-reviewed appraisal
37.20 was conducted.

37.21 (l) A recipient of an appropriation from the
37.22 trust fund under this section must acknowledge
37.23 financial support from the environment and
37.24 natural resources trust fund in project
37.25 publications, signage, and other public
37.26 communications and outreach related to work
37.27 completed using the appropriation.

37.28 Acknowledgment may occur, as appropriate,
37.29 through use of the trust fund logo or inclusion
37.30 of language attributing support from the trust
37.31 fund. Each direct recipient of money
37.32 appropriated in this section, as well as each
37.33 recipient of a grant awarded pursuant to this
37.34 section, must satisfy all reporting and other
37.35 requirements incumbent upon constitutionally
37.36 dedicated funding recipients as provided in

38.1 Minnesota Statutes, section 3.303, subdivision
38.2 10, and chapter 116P.

38.3 (m) A recipient of an appropriation from the
38.4 trust fund under this section that is receiving
38.5 funding to conduct children's services, as
38.6 defined in Minnesota Statutes, section
38.7 299C.61, subdivision 7, must certify to the
38.8 Legislative-Citizen Commission on Minnesota
38.9 Resources, as part of the required work plan,
38.10 that criminal background checks for
38.11 background check crimes, as defined in
38.12 Minnesota Statutes, section 299C.61,
38.13 subdivision 2, are performed on all employees,
38.14 contractors, and volunteers that have or may
38.15 have access to a child to whom the recipient
38.16 provides children's services using the
38.17 appropriation.

38.18 **Subd. 15. Payment Conditions and Capital**
38.19 **Equipment Expenditures**

38.20 (a) All agreements, grants, or contracts
38.21 referred to in this section must be administered
38.22 on a reimbursement basis unless otherwise
38.23 provided in this section. Notwithstanding
38.24 Minnesota Statutes, section 16A.41,
38.25 expenditures made on or after July 1, 2022,
38.26 or the date the work plan is approved,
38.27 whichever is later, are eligible for
38.28 reimbursement unless otherwise provided in
38.29 this section. Periodic payments must be made
38.30 upon receiving documentation that the
38.31 deliverable items articulated in the approved
38.32 work plan have been achieved, including
38.33 partial achievements as evidenced by approved
38.34 progress reports. Reasonable amounts may be
38.35 advanced to projects to accommodate

39.1 cash-flow needs or match federal money. The
39.2 advances must be approved as part of the work
39.3 plan. No expenditures for capital equipment
39.4 are allowed unless expressly authorized in the
39.5 project work plan.

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

39.8 **Subd. 16. Purchasing Recycled and Recyclable**
39.9 **Materials**

39.10 A political subdivision, public or private
39.11 corporation, or other entity that receives an
39.12 appropriation under this section must use the
39.13 appropriation in compliance with Minnesota
39.14 Statutes, section 16C.0725, regarding
39.15 purchasing recycled, repairable, and durable
39.16 materials, and Minnesota Statutes, section
39.17 16C.073, regarding purchasing and using
39.18 paper stock and printing.

39.19 **Subd. 17. Energy Conservation and Sustainable**
39.20 **Building Guidelines**

39.21 A recipient to whom an appropriation is made
39.22 under this section for a capital improvement
39.23 project must ensure that the project complies
39.24 with the applicable energy conservation and
39.25 sustainable building guidelines and standards
39.26 contained in law, including Minnesota
39.27 Statutes, sections 16B.325, 216C.19, and
39.28 216C.20, and rules adopted under those
39.29 sections. The recipient may use the energy
39.30 planning, advocacy, and State Energy Office
39.31 units of the Department of Commerce to
39.32 obtain information and technical assistance
39.33 on energy conservation and alternative-energy
39.34 development relating to planning and
39.35 constructing the capital improvement project.

40.1 **Subd. 18. Accessibility**

40.2 Structural and nonstructural facilities must
40.3 meet the design standards in the Americans
40.4 with Disabilities Act (ADA) accessibility
40.5 guidelines.

40.6 **Subd. 19. Carryforward; Extensions**

40.7 (a) The availability of the appropriation under
40.8 Laws 2019, First Special Session chapter 4,
40.9 article 2, section 2, subdivision 9, paragraph
40.10 (e), National Loon Center, is extended to June
40.11 30, 2024.

40.12 (b) The availability of the transfers for the
40.13 following projects are extended to June 30,
40.14 2024:

40.15 (1) Laws 2021, First Special Session chapter
40.16 6, article 5, section 2, subdivision 20,
40.17 paragraph (a), clause (1), for the
40.18 Unprecedented Change Threatens Minnesota's
40.19 Pristine Lakes project;

40.20 (2) Laws 2021, First Special Session chapter
40.21 6, article 5, section 2, subdivision 20,
40.22 paragraph (a), clause (2), for the Wastewater
40.23 Pond Optimization project;

40.24 (3) Laws 2021, First Special Session chapter
40.25 6, article 5, section 2, subdivision 20,
40.26 paragraph (a), clause (3), for the Applied
40.27 Research in State Mineral and Water
40.28 Resources project;

40.29 (4) Laws 2021, First Special Session chapter
40.30 6, article 5, section 2, subdivision 20,
40.31 paragraph (a), clause (4), for the Chloride
40.32 Pollution Reduction project;

- 41.1 (5) Laws 2021, First Special Session chapter
41.2 6, article 5, section 2, subdivision 20,
41.3 paragraph (a), clause (5), for the CWD Prion
41.4 Research in Soils project;
- 41.5 (6) Laws 2021, First Special Session chapter
41.6 6, article 5, section 2, subdivision 20,
41.7 paragraph (b), clauses (1) and (2), Lawns to
41.8 Legumes;
- 41.9 (7) Laws 2021, First Special Session chapter
41.10 6, article 5, section 2, subdivision 20,
41.11 paragraph (c), clauses (1) to (8), Emerging
41.12 Issues Account; and
- 41.13 (8) Laws 2021, First Special Session chapter
41.14 6, article 6, section 2, subdivision 19,
41.15 paragraph (a), clauses (1) to (4), for the Forest
41.16 Health Research, Development and
41.17 Demonstration project at the Natural
41.18 Resources Research Institute.
- 41.19 (c) Notwithstanding Minnesota Statutes,
41.20 section 16A.28, or any other law to the
41.21 contrary, the availability of any appropriation
41.22 or grant of money from the environment and
41.23 natural resources trust fund that would
41.24 otherwise cancel, lapse, or expire on June 30,
41.25 2022, is extended to June 30, 2023, if the
41.26 recipient or grantee:
- 41.27 (1) by May 15, 2022, notifies the
41.28 Legislative-Citizen Commission on Minnesota
41.29 Resources in the manner specified by the
41.30 commission that the recipient or grantee
41.31 intends to avail itself of the extension available
41.32 under this subdivision; and
- 41.33 (2) modifies the applicable work plan where
41.34 required by Minnesota Statutes, section

42.1 116P.05, subdivision 2, in accordance with
42.2 the work plan amendment procedures adopted
42.3 under that section.

42.4 (d) The commission must notify the
42.5 commissioner of management and budget and
42.6 the commissioner of natural resources of any
42.7 extension granted under paragraph (c).

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

42.9 Sec. 3. **SALE OF CERTAIN PARCELS; CITY OF BUHL.**

42.10 Notwithstanding the Legislative Commission on Minnesota Resources project agreement
42.11 between the city of Buhl and the Department of Energy and Economic Development entered
42.12 into on April 15, 1987, or any other provision of law, the city of Buhl may plat and sell for
42.13 development portions of the area subject to the agreement so long as grant money received
42.14 under the agreement was not used to improve the parcels sold. Replacement is not required
42.15 for land sold under this section.

42.16 **EFFECTIVE DATE.** This section is effective retroactively from April 15, 1987, the
42.17 day after the governing body of the city of Buhl and its chief clerical officer timely complete
42.18 their compliance with Minnesota Statutes, section 645.021, subdivisions 2 and 3."

42.19 Amend the title accordingly