

**SENATE
STATE OF MINNESOTA
NINETY-SECOND SESSION**

S.F. No. 4043

(SENATE AUTHORS: WESTROM and Ingebrigtsen)

DATE	D-PG	OFFICIAL STATUS
03/16/2022	5362	Introduction and first reading Referred to Environment and Natural Resources Finance
04/21/2022	6970a	Comm report: To pass as amended and re-refer to Finance
	7005	Joint rule 2.03, referred to Rules and Administration
04/27/2022	7699	Comm report: Adopt previous comm report Jt. rule 2.03 suspended See HF3765

1.1 A bill for an act

1.2 relating to natural resources; appropriating money from environment and natural

1.3 resources trust fund; providing environment and natural resources trust fund

1.4 appropriation extensions; facilitating sale of certain parcels of land by city of Buhl.

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

1.6 Section 1. APPROPRIATIONS.

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

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

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

1.10 The figures "2022" and "2023" used in this act mean that the appropriations listed under

1.11 them are available for the fiscal year ending June 30, 2022, or June 30, 2023, respectively.

1.12 "The first year" is fiscal year 2022. "The second year" is fiscal year 2023. "The biennium"

1.13 is fiscal years 2022 and 2023. Any unencumbered balance remaining in the first year does

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

1.15 are onetime appropriations.

1.16	<u>APPROPRIATIONS</u>
1.17	<u>Available for the Year</u>
1.18	<u>Ending June 30</u>
1.19	<u>2022</u> <u>2023</u>

1.20 Sec. 2. MINNESOTA RESOURCES

1.21	<u>Subdivision 1. Total Appropriation</u>	<u>\$</u>	<u>-0-</u>	<u>\$</u>	<u>70,881,000</u>
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1.22 This appropriation is from the environment

1.23 and natural resources trust fund. The amounts

2.1 that may be spent for each purpose are
 2.2 specified in the following subdivisions.

2.3 **Subd. 2. Definition**

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

2.8 **Subd. 3. Foundational Natural Resource Data**
 2.9 **and Information**

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5,491,000

2.10 **(a) Efficacy of Urban Archery Hunting to**
 2.11 **Manage Deer**

2.12 \$201,000 the second year is from the trust
 2.13 fund to the Board of Trustees of the Minnesota
 2.14 State Colleges and Universities for Bemidji
 2.15 State University to conduct an analysis of deer
 2.16 survival, habitat use, and hunter data in the
 2.17 city of Bemidji to improve special archery
 2.18 hunt management practices in urban areas of
 2.19 the state.

2.20 **(b) Improving Golden-Winged Warbler**
 2.21 **Conservation and Habitat Restoration**

2.22 \$197,000 the second year is from the trust
 2.23 fund to the Board of Regents of the University
 2.24 of Minnesota for the Natural Resources
 2.25 Research Institute in Duluth to develop
 2.26 restoration and habitat management guidelines
 2.27 for protecting the imperiled golden-winged
 2.28 warbler by assessing habitat use and behavior
 2.29 of this species.

2.30 **(c) Strategic Framework to Guide Local Water**
 2.31 **Storage Implementation**

2.32 \$200,000 the second year is from the trust
 2.33 fund to the Board of Water and Soil Resources
 2.34 to create a framework for prioritizing water
 2.35 storage projects throughout the state. The

3.1 framework will use existing data and local
3.2 stakeholder input, be scalable, and emphasize
3.3 projects that provide multiple benefits,
3.4 including for water quality, flood control, and
3.5 habitat.

3.6 **(d) Status of Minnesota Blueberries and Related**
3.7 **Berry Species**

3.8 \$191,000 the second year is from the trust
3.9 fund to the Board of Regents of the University
3.10 of Minnesota, Duluth, to assess how land
3.11 management practices impact the genetic
3.12 health and reproduction of several native
3.13 edible blueberry and related berry species of
3.14 Minnesota. This appropriation is available
3.15 until June 30, 2026, by which time the project
3.16 must be completed and final products
3.17 delivered.

3.18 **(e) Distribution and Movements of Fishers in**
3.19 **Southern Minnesota**

3.20 \$212,000 the second year is from the trust
3.21 fund to the Board of Regents of the University
3.22 of Minnesota for the Natural Resources
3.23 Research Institute in Duluth to determine the
3.24 distribution, status, and habitat use of fishers
3.25 in southern Minnesota to inform fisher
3.26 management.

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

3.29 \$189,000 the second year is from the trust
3.30 fund to the Board of Regents of the University
3.31 of Minnesota to evaluate conditions
3.32 contributing to Minnesota's uniquely high
3.33 population of the native and lethal spruce
3.34 budworm to provide better management

4.1 options for protecting the state's spruce-balsam
4.2 fir forests.

4.3 **(g) Restoration of Eastern Hemlock, Minnesota's**
4.4 **Endangered Tree Species**

4.5 \$199,000 the second year is from the trust
4.6 fund to the Board of Regents of the University
4.7 of Minnesota to develop guidelines for
4.8 restoring eastern hemlock, Minnesota's only
4.9 endangered tree species, by testing methods
4.10 and seed sources at different sites across
4.11 northern Minnesota.

4.12 **(h) Maximizing Lowland Conifer Ecosystem**
4.13 **Services - Phase 2**

4.14 \$315,000 the second year is from the trust
4.15 fund to the Board of Regents of the University
4.16 of Minnesota to continue monitoring forested
4.17 peatland hydrology and wildlife, conduct new
4.18 wildlife and habitat surveys, and quantify
4.19 carbon storage to assess trade-offs in
4.20 management decisions.

4.21 **(i) Establishing a Center for Prion Research and**
4.22 **Outreach**

4.23 \$3,000,000 the second year is from the trust
4.24 fund to the Board of Regents of the University
4.25 of Minnesota to form a multidisciplinary
4.26 center to perform coordinated research on the
4.27 detection, prevention, and treatment of chronic
4.28 wasting and other prion diseases threatening
4.29 wildlife across Minnesota. Money
4.30 appropriated in this paragraph may also be
4.31 spent on a strategic plan, capital equipment,
4.32 and staff as approved in the work plan required
4.33 under Minnesota Statutes, section 116P.05.
4.34 Money appropriated in this paragraph may not
4.35 be spent on activities unless they are directly

5.1 related to and necessary for the purposes of
 5.2 this paragraph. Money appropriated in this
 5.3 paragraph must not be spent on indirect costs
 5.4 or other institutional overhead charges that are
 5.5 not directly related to and necessary for the
 5.6 purposes of this paragraph. This appropriation
 5.7 is subject to Minnesota Statutes, section
 5.8 116P.10. This is a onetime appropriation and
 5.9 is available until June 30, 2026.

5.10 **(j) Sweetening the Crop: Perennial Flax for**
 5.11 **Ecosystem Benefits**

5.12 \$490,000 the second year is from the trust
 5.13 fund to the Board of Regents of the University
 5.14 of Minnesota to produce, select, and evaluate
 5.15 how perennial flax provides pollinator and
 5.16 other ecosystem services while enhancing
 5.17 yield for oilseed, fiber, and honey production.

5.18 **(k) Beavers, Trees, and Climate - Increasing**
 5.19 **Floodplain Forest Resilience**

5.20 \$297,000 the second year is from the trust
 5.21 fund to the commissioner of natural resources
 5.22 for an agreement with the National Park
 5.23 Service, Mississippi National River and
 5.24 Recreation Area, to identify solutions for
 5.25 saving floodplain wildlife habitat from beaver
 5.26 herbivory, changes in climate, and emerald
 5.27 ash borer.

5.28 **Subd. 4. Water Resources**

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3,744,000

5.29 **(a) Scaling a Market-Driven Water-Quality**
 5.30 **Solution for Row-Crop Farming**

5.31 \$476,000 the second year is from the trust
 5.32 fund to the Board of Regents of the University
 5.33 of Minnesota to work with farmers to
 5.34 accelerate adoption of grain-camelina rotations
 5.35 in targeted watersheds as a scalable and

6.1 market-driven way to enhance stewardship of
6.2 soil, water, and wildlife.

6.3 **(b) Methods to Destroy PFAS in Landfill**
6.4 **Leachates**

6.5 \$200,000 the second year is from the trust
6.6 fund to the Board of Regents of the University
6.7 of Minnesota to develop and examine methods
6.8 for destruction of per- and polyfluoroalkyl
6.9 substances (PFAS) in landfill leachate. This
6.10 appropriation is subject to Minnesota Statutes,
6.11 section 116P.10.

6.12 **(c) High Temperature Anaerobic Digestion of**
6.13 **Sewage Sludge**

6.14 \$208,000 the second year is from the trust
6.15 fund to the Board of Regents of the University
6.16 of Minnesota to demonstrate that high
6.17 temperature anaerobic digestion is effective
6.18 at treating sewage sludge and preventing
6.19 disease-causing microorganisms and antibiotic
6.20 resistance genes from being released into the
6.21 environment.

6.22 **(d) Mitigating Cyanobacterial Blooms and**
6.23 **Toxins Using Clay-Algae Flocculation**

6.24 \$264,000 the second year is from the trust
6.25 fund to the Board of Regents of the University
6.26 of Minnesota for St. Anthony Falls Laboratory
6.27 to develop and test a clay-algae flocculation
6.28 method to mitigate cyanobacterial blooms that
6.29 can contaminate drinking water and cause
6.30 mass fish mortality. This appropriation is
6.31 subject to Minnesota Statutes, section 116P.10.

6.32 **(e) Changing Winters and Game Fish in**
6.33 **Minnesota Lakes**

6.34 \$200,000 the second year is from the trust
6.35 fund to the Board of Regents of the University

7.1 of Minnesota for the Large Lakes Observatory
7.2 in Duluth to determine how changing winter
7.3 conditions such as ice cover, snowfall patterns,
7.4 and water quality affect Minnesota's game fish
7.5 populations.

7.6 **(f) Rainy River Drivers of Lake of the Woods**
7.7 **Algal Blooms**

7.8 \$526,000 the second year is from the trust
7.9 fund to the commissioner of natural resources
7.10 for an agreement with the United States
7.11 Geological Survey, Upper Midwest Water
7.12 Science Center, to guide the reduction of
7.13 phosphorus inputs to Lake of the Woods by
7.14 examining sources, mobility, and storage of
7.15 sediment-bound phosphorus in the Rainy
7.16 River. This appropriation is available until
7.17 June 30, 2026, by which time the project must
7.18 be completed and final products delivered.

7.19 **(g) Increased Intense Rain and Flooding in**
7.20 **Minnesota's Watersheds**

7.21 \$192,000 the second year is from the trust
7.22 fund to the Science Museum of Minnesota for
7.23 the St. Croix Watershed Research Station to
7.24 partner with local communities to determine
7.25 the causes of increased flooding and the most
7.26 cost-effective solutions for reducing flood risk
7.27 in the Cottonwood River watershed and other
7.28 agricultural watersheds in southern Minnesota.

7.29 **(h) Removing CECs from Stormwater with**
7.30 **Biofiltration**

7.31 \$439,000 the second year is from the trust
7.32 fund to the Board of Regents of the University
7.33 of Minnesota for the St. Anthony Falls
7.34 Laboratory to optimize designs for removing
7.35 contaminants of emerging concern (CECs)

8.1 from stormwater runoff with biofiltration and
8.2 to develop guidance on biofiltration use for
8.3 Minnesota stormwater managers.

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

8.6 \$354,000 the second year is from the trust
8.7 fund to the Board of Regents of the University
8.8 of Minnesota to optimize detection methods,
8.9 determine environmental occurrence, and
8.10 evaluate risk to Minnesota's fish populations
8.11 of the toxic tire-derived chemical 6PPDq.

8.12 **(j) Mitigation Strategies for Agroplastic PFAS**
8.13 **and Microplastic Contamination**

8.14 \$169,000 the second year is from the trust
8.15 fund to the Board of Regents of the University
8.16 of Minnesota for the West Central Research
8.17 and Outreach Center, Morris, to study plastic
8.18 use in the agricultural supply chain and to
8.19 research and communicate strategies to reduce
8.20 impacts of this plastic use, including water
8.21 and land contamination from microplastics,
8.22 PFAS, and related compounds.

8.23 **(k) Innovative Technology for PFAS Destruction**
8.24 **in Drinking Water**

8.25 \$350,000 the second year is from the trust
8.26 fund to the Board of Regents of the University
8.27 of Minnesota for the Southern Research and
8.28 Outreach Center to develop and demonstrate
8.29 a treatment process based on continuous
8.30 liquid-phase plasma discharge technology to
8.31 destroy per- and polyfluoroalkyl substances
8.32 (PFAS) in drinking water. This appropriation
8.33 is subject to Minnesota Statutes, section
8.34 116P.10.

9.1 **(l) PFAS Contaminant Mitigation Using Hybrid**
 9.2 **Engineered Wetlands**

9.3 \$366,000 the second year is from the trust
 9.4 fund to the commissioner of natural resources
 9.5 for an agreement with St. Louis County to
 9.6 design, implement, and evaluate an innovative
 9.7 method for protecting water resources through
 9.8 mitigation of per- and polyfluoroalkyl
 9.9 substances (PFAS) from landfill leachate using
 9.10 engineered wetland treatment systems.

9.11 **Subd. 5. Environmental Education** -0- 3,005,000

9.12 **(a) Teacher Field School: Stewardship through**
 9.13 **Nature-Based Education**

9.14 \$310,000 the second year is from the trust
 9.15 fund to the commissioner of natural resources
 9.16 for an agreement with Hamline University to
 9.17 create an immersive, research-backed field
 9.18 school for teachers to use nature-based
 9.19 education to benefit student well-being and
 9.20 academic outcomes while increasing
 9.21 stewardship habits.

9.22 **(b) Increasing K-12 Student Learning to Develop**
 9.23 **Environmental Awareness, Appreciation, and**
 9.24 **Interest**

9.25 \$1,000,000 the second year is from the trust
 9.26 fund to the commissioner of natural resources
 9.27 for an agreement with Osprey Wilds
 9.28 Environmental Learning Center to partner with
 9.29 Minnesota's five other accredited residential
 9.30 environmental learning centers to provide
 9.31 needs-based scholarships to at least 25,000
 9.32 K-12 students statewide for immersive
 9.33 multiday environmental learning experiences.

9.34 **(c) Expanding Access to Wildlife Learning Bird**
 9.35 **by Bird**

10.1 \$200,000 the second year is from the trust
 10.2 fund to the commissioner of natural resources
 10.3 to engage young people from diverse
 10.4 communities in wildlife conservation through
 10.5 bird-watching in schools, outdoor leadership
 10.6 training, and participating in neighborhood
 10.7 bird walks.

10.8 **(d) Engaging a Diverse Public in Environmental**
 10.9 **Stewardship**

10.10 \$200,000 the second year is from the trust
 10.11 fund to the commissioner of natural resources
 10.12 for an agreement with Great River Greening
 10.13 to increase participation in natural resources
 10.14 restoration efforts through volunteer,
 10.15 internship, and youth engagement activities
 10.16 that target diverse audiences more accurately
 10.17 reflecting local demographic and
 10.18 socioeconomic conditions in Minnesota.

10.19 **(e) LCCMR Stories: Sharing Minnesota's**
 10.20 **Biggest Environmental Investment**

10.21 \$200,000 the second year is from the trust
 10.22 fund to the Science Museum of Minnesota to
 10.23 enhance public education about the results of
 10.24 Legislative-Citizen Commission on Minnesota
 10.25 Resources-recommended research, including
 10.26 through a free online interactive map, in-depth
 10.27 videos, and public events.

10.28 **(f) Bugs Below Zero: Engaging Citizens in**
 10.29 **Winter Research**

10.30 \$198,000 the second year is from the trust
 10.31 fund to the Board of Regents of the University
 10.32 of Minnesota to raise awareness about the
 10.33 winter life of bugs, inspire learning about
 10.34 stream food webs, and engage citizen scientists
 10.35 in research and environmental stewardship.

11.1 **(g) ESTEP: Earth Science Teacher Education**
11.2 **Project**

11.3 \$317,000 the second year is from the trust
11.4 fund to the commissioner of natural resources
11.5 for an agreement with the Minnesota Science
11.6 Teachers Association to provide professional
11.7 development for Minnesota science teachers
11.8 in environmental and earth science to
11.9 strengthen environmental education in schools.

11.10 **(h) YES! Students Take Action to Complete Eco**
11.11 **Projects**

11.12 \$199,000 the second year is from the trust
11.13 fund to the commissioner of natural resources
11.14 for an agreement with Prairie Woods
11.15 Environmental Learning Center, in partnership
11.16 with Ney Nature Center and Laurentian
11.17 Environmental Center, to empower Minnesota
11.18 youth to connect with natural resource experts,
11.19 identify ecological challenges, and take action
11.20 to complete innovative projects in their
11.21 communities.

11.22 **(i) Increasing Diversity in Environmental**
11.23 **Careers**

11.24 \$182,000 the second year is from the trust
11.25 fund to the commissioner of natural resources,
11.26 in cooperation with Conservation Corps
11.27 Minnesota and Iowa, to encourage a diversity
11.28 of students to pursue careers in the
11.29 environment and natural resources through
11.30 internships, mentorships, and fellowships with
11.31 the Department of Natural Resources, the
11.32 Board of Water and Soil Resources, and the
11.33 Pollution Control Agency.

11.34 **(j) Diversity and Access to Wildlife-Related**
11.35 **Opportunities**

12.1 \$199,000 the second year is from the trust
 12.2 fund to the Board of Regents of the University
 12.3 of Minnesota to broaden the state's
 12.4 conservation constituency by researching
 12.5 diverse communities' values about nature and
 12.6 wildlife experiences and identifying barriers
 12.7 to engagement.

12.8 **Subd. 6. Aquatic and Terrestrial Invasive**
 12.9 **Species**

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4,174,000

12.10 **(a) Minnesota Invasive Terrestrial Plants and**
 12.11 **Pests Center**

12.12 \$4,000,000 the second year is from the trust
 12.13 fund to the Board of Regents of the University
 12.14 of Minnesota to support the Minnesota
 12.15 Invasive Terrestrial Plants and Pests Center
 12.16 to fund high-priority research projects to better
 12.17 manage invasive plants, pathogens, and pests
 12.18 on Minnesota's natural and agricultural lands.
 12.19 This appropriation is subject to Minnesota
 12.20 Statutes, section 116P.10. This appropriation
 12.21 is available until June 30, 2027, by which time
 12.22 the project must be completed and final
 12.23 products delivered.

12.24 **(b) Purple Loosestrife Biocontrol Citizen Science**
 12.25 **Program**

12.26 \$174,000 the second year is from the trust
 12.27 fund to the commissioner of natural resources
 12.28 for an agreement with the Wild Rivers
 12.29 Conservancy to protect and restore native
 12.30 ecosystems by identifying purple loosestrife
 12.31 in priority management areas and engaging,
 12.32 educating, and empowering citizens to use an
 12.33 approved purple loosestrife biocontrol in
 12.34 Minnesota's St. Croix River watershed.

13.1	<u>Subd. 7. Air Quality and Renewable Energy</u>	<u>-0-</u>	<u>1,253,000</u>
13.2	<u>(a) Using Minnesota Timber to Mitigate Landfill</u>		
13.3	<u>Methane Emissions</u>		
13.4	<u>\$753,000 the second year is from the trust</u>		
13.5	<u>fund to the Board of Regents of the University</u>		
13.6	<u>of Minnesota for the Natural Resources</u>		
13.7	<u>Research Institute in Duluth to design,</u>		
13.8	<u>develop, and test biochar-based landfill covers</u>		
13.9	<u>to reduce methane emissions in Minnesota</u>		
13.10	<u>through natural biological processes. This</u>		
13.11	<u>appropriation is subject to Minnesota Statutes,</u>		
13.12	<u>section 116P.10.</u>		
13.13	<u>(b) Green Solar Cells from a Minnesota Natural</u>		
13.14	<u>Resource</u>		
13.15	<u>\$330,000 the second year is from the trust</u>		
13.16	<u>fund to the Board of Regents of the University</u>		
13.17	<u>of Minnesota to develop an efficient, low cost,</u>		
13.18	<u>and nontoxic pyrite solar cell and conduct a</u>		
13.19	<u>feasibility study for using Iron Range</u>		
13.20	<u>resources to manufacture this product. This</u>		
13.21	<u>appropriation is subject to Minnesota Statutes,</u>		
13.22	<u>section 116P.10.</u>		
13.23	<u>(c) Morris GHG Emissions Inventory and</u>		
13.24	<u>Mitigation Strategies</u>		
13.25	<u>\$170,000 the second year is from the trust</u>		
13.26	<u>fund to the commissioner of natural resources</u>		
13.27	<u>for an agreement with the city of Morris to</u>		
13.28	<u>conserve natural resources by conducting a</u>		
13.29	<u>greenhouse gas (GHG) emissions inventory</u>		
13.30	<u>of city and county operations as part of the</u>		
13.31	<u>Morris Model partnership, implementing</u>		
13.32	<u>policy to achieve targeted reductions, and</u>		
13.33	<u>disseminating findings. This appropriation is</u>		
13.34	<u>available until June 30, 2026, by which time</u>		

14.1 the project must be completed and final

14.2 products delivered.

14.3 **Subd. 8. Methods to Protect, Restore, and**

14.4 **Enhance Land, Water, and Habitat**

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10,861,000

14.5 **(a) Minnesota's Volunteer Rare Plant**

14.6 **Conservation Corps**

14.7 \$515,000 the second year is from the trust

14.8 fund to the Board of Regents of the University

14.9 of Minnesota for the Minnesota Landscape

14.10 Arboretum to partner with the Department of

14.11 Natural Resources and the Minnesota Native

14.12 Plant Society to establish and train a volunteer

14.13 corps to survey, monitor, and bank seed from

14.14 Minnesota's rare plant populations and

14.15 enhance the effectiveness and efficiencies of

14.16 conservation efforts.

14.17 **(b) Conservation Corps Veterans Service Corps**

14.18 **Program**

14.19 \$1,339,000 the second year is from the trust

14.20 fund to the commissioner of natural resources

14.21 for an agreement with Conservation Corps

14.22 Minnesota to create a Veterans Service Corps

14.23 program to accelerate natural resource

14.24 restorations in Minnesota while providing

14.25 workforce development opportunities for the

14.26 state's veterans.

14.27 **(c) Conservation Cooperative for Working**

14.28 **Lands**

14.29 \$750,000 the second year is from the trust

14.30 fund to the commissioner of natural resources

14.31 for an agreement with Pheasants Forever Inc.

14.32 to increase adoption of voluntary conservation

14.33 practices on working lands in Minnesota by

14.34 hiring personnel to provide technical

15.1 assistance to farmers and landowners while
15.2 also attracting federal matching funds.

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

15.4 \$537,000 the second year is from the trust
15.5 fund to the commissioner of natural resources
15.6 for an agreement with Eagle Bluff
15.7 Environmental Learning Center to restore
15.8 flood-damaged Root River stream bank and
15.9 instream habitat and incorporate monitoring
15.10 into the center's curriculum to evaluate the
15.11 restoration's success.

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

15.13 \$1,200,000 the second year is from the trust
15.14 fund to the commissioner of natural resources
15.15 for an agreement with the city of Hastings to
15.16 develop an ecological-based master plan for
15.17 Lake Rebecca Park and to enhance habitat
15.18 quality and construct passive recreational
15.19 facilities consistent with the master plan. No
15.20 funds for implementation may be spent until
15.21 the master plan is complete.

15.22 **(f) River Habitat Restoration and Recreation in**
15.23 **Melrose**

15.24 \$350,000 the second year is from the trust
15.25 fund to the commissioner of natural resources
15.26 for an agreement with the city of Melrose to
15.27 conduct habitat restoration and create fishing,
15.28 canoeing, and camping opportunities along a
15.29 segment of the Sauk River within the city of
15.30 Melrose and to provide public education about
15.31 stream restoration, fish habitat, and the
15.32 importance of natural areas.

15.33 **(g) Restoring Forests and Savannas Using**
15.34 **Silvopasture - Phase 2**

16.1 \$414,000 the second year is from the trust
16.2 fund to the commissioner of natural resources
16.3 for an agreement with Great River Greening
16.4 to continue to partner with the University of
16.5 Minnesota and the Sustainable Farming
16.6 Association to demonstrate, evaluate, and
16.7 increase adoption of the combined use of
16.8 intensive tree, forage, and livestock
16.9 management as a method to restore threatened
16.10 oak savanna habitats.

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

16.12 \$310,000 the second year is from the trust
16.13 fund to the commissioner of natural resources
16.14 for an agreement with the Superior Hiking
16.15 Trail Association to rehabilitate and renew
16.16 Superior Hiking Trail campsites, trailheads,
16.17 and trail segments for a more resilient future
16.18 amid unprecedented use.

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

16.20 \$189,000 the second year is from the trust
16.21 fund to the Board of Regents of the University
16.22 of Minnesota to identify, develop, and
16.23 field-test various types of waste wood chips
16.24 and fungi to sequester and degrade PFAS
16.25 leachate from contaminated waste sites. This
16.26 appropriation is subject to Minnesota Statutes,
16.27 section 116P.10.

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

16.29 \$365,000 the second year is from the trust
16.30 fund to the Board of Regents of the University
16.31 of Minnesota to protect lands and waters from
16.32 contamination by collaborating with the
16.33 Department of Transportation to develop

- 17.1 methods for using native plants to remediate
 17.2 roadside deicing salt.
- 17.3 **(k) Mustinka River Fish and Wildlife Habitat**
 17.4 **Corridor Rehabilitation**
- 17.5 \$2,692,000 the second year is from the trust
 17.6 fund to the commissioner of natural resources
 17.7 for an agreement with the Bois de Sioux
 17.8 Watershed District to permanently rehabilitate
 17.9 a straightened reach of the Mustinka River to
 17.10 a naturally functioning stream channel and
 17.11 floodplain corridor for water, fish, and wildlife
 17.12 benefits.
- 17.13 **(l) Bohemian Flats Savanna Restoration**
- 17.14 \$200,000 the second year is from the trust
 17.15 fund to the commissioner of natural resources
 17.16 for an agreement with Minneapolis Park and
 17.17 Recreation Board to restore an area of
 17.18 compacted urban turf within Bohemian Flats
 17.19 Park and adjacent to the Mississippi River to
 17.20 an oak savanna ecosystem.
- 17.21 **(m) Watershed and Forest Restoration: What**
 17.22 **a Match!**
- 17.23 \$2,000,000 the second year is from the trust
 17.24 fund to the Board of Water and Soil
 17.25 Resources, in cooperation with soil and water
 17.26 conservation districts, the Mille Lacs Band of
 17.27 Ojibwe, and the Department of Natural
 17.28 Resources, to accelerate tree planting on
 17.29 privately owned, protected lands for
 17.30 water-quality protection and carbon
 17.31 sequestration.
- 17.32 **Subd. 9. Land Acquisition, Habitat, and**
 17.33 **Recreation**
- 17.34 **(a) Mesabi Trail: Wahlsten Road (CR 26) to**
 17.35 **Tower**

-0-26,646,000

18.1 \$1,307,000 the second year is from the trust
18.2 fund to the commissioner of natural resources
18.3 for an agreement with the St. Louis and Lake
18.4 Counties Regional Railroad Authority to
18.5 acquire, engineer, and construct a segment of
18.6 the Mesabi Trail beginning at the intersection
18.7 of Wahlsten Road (CR 26) and Benson Road
18.8 in Embarrass and extending to Tower.

18.9 **(b) The Missing Link: Gull Lake Trail, Fairview**
18.10 **Township**

18.11 \$1,394,000 the second year is from the trust
18.12 fund to the commissioner of natural resources
18.13 for an agreement with Fairview Township to
18.14 complete the Gull Lake Trail by engineering
18.15 and constructing the trail's final segment
18.16 through Fairview Township in the Brainerd
18.17 Lakes area.

18.18 **(c) Pierz Park and Campground Expansion**
18.19 **Project**

18.20 \$200,000 the second year is from the trust
18.21 fund to the commissioner of natural resources
18.22 for an agreement with the city of Pierz to
18.23 purchase land adjacent to a city-owned park
18.24 and campground for conservation and
18.25 recreational uses and to create a master plan
18.26 for the park and campground to serve regional
18.27 natural resource and recreational needs.

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

18.29 \$1,285,000 the second year is from the trust
18.30 fund to the commissioner of natural resources
18.31 for an agreement with the Minnesota
18.32 Discovery Center to enhance outdoor
18.33 recreational opportunities by adding trails and
18.34 recreational amenities to the Redhead
18.35 Mountain Bike Park in Chisholm.

19.1 **(e) Environmental Learning Classroom with**
19.2 **Trails**

19.3 \$82,000 the second year is from the trust fund
19.4 to the commissioner of natural resources for
19.5 an agreement with Mountain Iron-Buhl Public
19.6 Schools to build an outdoor classroom
19.7 pavilion, accessible trails, and a footbridge
19.8 within the Mountain Iron-Buhl School Forest
19.9 to conduct environmental education that
19.10 cultivates a lasting conservation ethic.

19.11 **(f) Local Parks, Trails, and Natural Areas Grant**
19.12 **Programs**

19.13 \$4,000,000 the second year is from the trust
19.14 fund to the commissioner of natural resources
19.15 to solicit, rank, and fund competitive matching
19.16 grants for local parks, trail connections, and
19.17 natural and scenic areas under Minnesota
19.18 Statutes, section 85.019. This appropriation is
19.19 for local nature-based recreation, connections
19.20 to regional and state natural areas, and
19.21 recreation facilities and may not be used for
19.22 athletic facilities such as sport fields, courts,
19.23 and playgrounds.

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

19.25 \$1,200,000 the second year is from the trust
19.26 fund to the commissioner of natural resources
19.27 for an agreement with the city of Duluth to
19.28 expand recreational access along the St. Louis
19.29 River and estuary by implementing the St.
19.30 Louis River National Water Trail outreach
19.31 plan, designing and constructing upgrades and
19.32 extensions to the Waabizheshikana Trail, and
19.33 installing interpretive features that describe
19.34 the cultural and ecological significance of the
19.35 area.

20.1 **(h) Native Prairie Stewardship and Prairie Bank**
20.2 **Easement Acquisition**

20.3 \$500,000 the second year is from the trust
20.4 fund to the commissioner of natural resources
20.5 to provide technical stewardship assistance to
20.6 private landowners, restore and enhance native
20.7 prairie protected by easements in the native
20.8 prairie bank, and acquire easements for the
20.9 native prairie bank in accordance with
20.10 Minnesota Statutes, section 84.96, including
20.11 preparing initial baseline property assessments.
20.12 Up to \$60,000 of this appropriation may be
20.13 deposited in the natural resources conservation
20.14 easement stewardship account created under
20.15 Minnesota Statutes, section 84.69, proportional
20.16 to the number of easements acquired.

20.17 **(i) Minnesota State Parks and State Trails**
20.18 **Acquisitions**

20.19 \$1,600,000 the second year is from the trust
20.20 fund to the commissioner of natural resources
20.21 to acquire high-priority inholdings from
20.22 willing sellers within the legislatively
20.23 authorized boundaries of state parks,
20.24 recreation areas, and trails to protect
20.25 Minnesota's natural heritage, enhance outdoor
20.26 recreation, and improve the efficiency of
20.27 public land management.

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

20.29 \$1,650,000 the second year is from the trust
20.30 fund to the commissioner of natural resources
20.31 for an agreement with the city of Silver Bay
20.32 to develop a multimodal trailhead center to
20.33 provide safe access to the Superior,
20.34 Gitchi-Gami, and C.J. Ramstad/North Shore

- 21.1 trails; Black Beach Park; and other
- 21.2 recreational destinations.
- 21.3 **(k) Minnesota State Trails Development**
- 21.4 \$6,022,000 the second year is from the trust
- 21.5 fund to the commissioner of natural resources
- 21.6 to expand recreational opportunities on
- 21.7 Minnesota state trails by rehabilitating and
- 21.8 enhancing existing state trails and replacing
- 21.9 or repairing existing state trail bridges.
- 21.10 **(l) Brookston Campground, Boat Launch, and**
- 21.11 **Outdoor Recreational Facility**
- 21.12 \$453,000 the second year is from the trust
- 21.13 fund to the commissioner of natural resources
- 21.14 for an agreement with the city of Brookston
- 21.15 to build a campground, boat launch, and
- 21.16 outdoor recreation area on the banks of the St.
- 21.17 Louis River in northeastern Minnesota. Before
- 21.18 any trust fund dollars are spent, the city must
- 21.19 demonstrate that all funds to complete the
- 21.20 project are secured and a fiscal agent must be
- 21.21 approved in the work plan.
- 21.22 **(m) Silver Lake Trail Connection**
- 21.23 \$727,000 the second year is from the trust
- 21.24 fund to the commissioner of natural resources
- 21.25 for an agreement with the city of Virginia to
- 21.26 design, engineer, and construct a multiuse trail
- 21.27 that will connect Silver Lake Trail to a new
- 21.28 Miners Entertainment and Convention Center
- 21.29 and provide lighting on Bailey Lake Trail.
- 21.30 **(n) Preserving the Avon Hills with**
- 21.31 **Reverse-Bidding Easements**
- 21.32 \$1,604,000 the second year is from the trust
- 21.33 fund to the commissioner of natural resources
- 21.34 for an agreement with Saint John's University,

22.1 in cooperation with Minnesota Land Trust, to
 22.2 use a reverse-bid ranking system to
 22.3 permanently protect, restore, and enhance
 22.4 habitat in the Avon Hills area of Stearns
 22.5 County. Of this amount, up to \$192,000 is for
 22.6 use by Minnesota Land Trust in a monitoring
 22.7 fund as approved in the work plan and subject
 22.8 to Minnesota Statutes, section 116P.20. An
 22.9 annual financial report is required for any
 22.10 monitoring, management, and enforcement
 22.11 fund, including expenditures from the fund.
 22.12 A proposed list of acquisitions and restorations
 22.13 must be provided in the work plan. This
 22.14 appropriation is available until June 30, 2027,
 22.15 by which time the project must be completed
 22.16 and final products delivered.

22.17 **(o) Floodwood Campground Improvement**
 22.18 **Project**

22.19 \$816,000 the second year is from the trust
 22.20 fund to the commissioner of natural resources
 22.21 for an agreement with the city of Floodwood
 22.22 to upgrade the Floodwood Campground and
 22.23 connecting trails to provide high-quality nature
 22.24 and recreation experience for people of all
 22.25 ages.

22.26 **(p) SNA Habitat Restoration, Public**
 22.27 **Engagement, and Protection**

22.28 \$1,000,000 the second year is from the trust
 22.29 fund to the commissioner of natural resources
 22.30 for the scientific and natural areas (SNA)
 22.31 program to restore and enhance exceptional
 22.32 habitat on SNAs; increase public involvement
 22.33 and outreach; and strategically acquire lands
 22.34 that meet criteria for SNAs under Minnesota
 22.35 Statutes, section 86A.05, from willing sellers.

23.1 **(q) Ranier Safe Harbor/Transient Dock - Phase**

23.2 **2**

23.3 \$1,113,000 the second year is from the trust
23.4 fund to the commissioner of natural resources
23.5 for an agreement with the city of Ranier to
23.6 construct a safe harbor and transient dock to
23.7 accommodate watercraft of many sizes to
23.8 improve public access for boat recreation on
23.9 Rainy Lake. Before trust fund dollars are
23.10 spent, a fiscal agent must be approved in the
23.11 work plan. Before any trust fund dollars are
23.12 spent, the city must demonstrate that all funds
23.13 to complete the project are secured. Any
23.14 revenue generated from selling products or
23.15 assets developed or acquired with this
23.16 appropriation must be repaid to the trust fund
23.17 unless a plan is approved for reinvestment of
23.18 income in the project as provided under
23.19 Minnesota Statutes, section 116P.10.

23.20 **(r) Prospector ATV Trails**

23.21 \$944,000 the second year is from the trust
23.22 fund to the commissioner of natural resources
23.23 for an agreement with the city of Ely to work
23.24 with the Prospector ATV Club to extend and
23.25 upgrade several sections of the Prospector
23.26 ATV trail system.

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

23.28 \$749,000 the second year is from the trust
23.29 fund to the commissioner of natural resources
23.30 for an agreement with the city of Biwabik to
23.31 reconstruct and renovate Biwabik Recreation
23.32 Area's access road, parking area, and bathroom
23.33 facilities.

- 24.1 Subd. 10. **Emerging Issues** -0- 15,575,000
- 24.2 **(a) Aggregate Resource Mapping**
- 24.3 \$500,000 the second year is from the trust
- 24.4 fund to the commissioner of natural resources
- 24.5 for continued mapping of the aggregate
- 24.6 resource potential in the state of Minnesota
- 24.7 and to make the information available in print
- 24.8 and electronic format to local units of
- 24.9 government for use in planning and zoning.
- 24.10 **(b) Leaded Gasoline Contamination Analysis**
- 24.11 \$200,000 the second year is from the trust
- 24.12 fund to the commissioner of administration
- 24.13 for a grant to the city of Paynesville to procure
- 24.14 an analysis of the extent of leaded gasoline
- 24.15 contamination in or near the cities of
- 24.16 Paynesville, Foley, Alexandria, and Blaine,
- 24.17 and of the threat posed by the contamination
- 24.18 to each city's drinking water supply. The
- 24.19 vendor selected to perform the analysis must
- 24.20 use the same methodology to conduct the
- 24.21 analysis for each city and must produce
- 24.22 findings that are comparable between cities.
- 24.23 The cities must work cooperatively to select
- 24.24 a vendor. By January 15, 2024, the city
- 24.25 administrator of the city of Paynesville must
- 24.26 report the results of the analysis to the chairs
- 24.27 and ranking minority members of the house
- 24.28 of representatives and senate committees and
- 24.29 divisions with jurisdiction over environment
- 24.30 and natural resources.
- 24.31 **(c) Living Snow Fence Program**
- 24.32 \$500,000 the second year is from the trust
- 24.33 fund to the commissioner of transportation for
- 24.34 contracts to build and improve living snow

25.1 fences consisting of trees, shrubs, native
 25.2 grasses, and wildflowers. Money appropriated
 25.3 in this paragraph may only be used to acquire
 25.4 and plant trees native to Minnesota. This
 25.5 appropriation is available until June 30, 2026.

25.6 **(d) Forest Data Inventory**

25.7 \$500,000 the second year is from the trust
 25.8 fund to the commissioner of natural resources
 25.9 for an enhanced forest inventory on county
 25.10 and private lands.

25.11 **(e) Conservation Reserve Program State**
 25.12 **Incentives**

25.13 \$1,000,000 the second year is from the trust
 25.14 fund to the Board of Water and Soil Resources
 25.15 to provide onetime state incentive payments
 25.16 to enrollees in the federal Conservation
 25.17 Reserve Program (CRP) during the continuous
 25.18 enrollment period and to enroll land in
 25.19 conservation easements consistent with
 25.20 Minnesota Statutes, section 103F.515. The
 25.21 board may establish payment rates based on
 25.22 land valuation and on environmental benefit
 25.23 criteria, including but not limited to surface
 25.24 water or groundwater pollution reduction,
 25.25 drinking water protection, soil health,
 25.26 pollinator and wildlife habitat, and other
 25.27 conservation enhancements. The board may
 25.28 use state funds to implement the program and
 25.29 to provide technical assistance to landowners
 25.30 or their agents to fulfill enrollment and
 25.31 contract provisions. The board must consult
 25.32 with the commissioners of agriculture, health,
 25.33 natural resources, and the Pollution Control
 25.34 Agency and the United States Department of
 25.35 Agriculture in establishing program criteria.

26.1 This appropriation is available until June 30,
26.2 2026.

26.3 **(f) Ditch Improvements for Control of Water**
26.4 **Levels**

26.5 \$500,000 the second year is from the trust
26.6 fund to the commissioner of natural resources
26.7 for grants to counties and townships for repair
26.8 and maintenance of ditches not included
26.9 within a public ditch system that provide water
26.10 level control of lakes and wetlands to prevent
26.11 erosion.

26.12 **(g) Pipeline Conservation Program**

26.13 \$500,000 the second year is from the trust
26.14 fund to the Board of Water and Soil Resources
26.15 to award grants to nonprofit organizations with
26.16 a conservation mission and to secondary and
26.17 postsecondary schools as part of a
26.18 conservation curriculum to plant pipeline
26.19 rights-of-way and easements with native
26.20 vegetation, pollinator-friendly forbs, or
26.21 legumes to protect a diversity of pollinators.
26.22 Before a grant is disbursed, a grant applicant
26.23 must enter an agreement with a pipeline
26.24 operator that allows access to the right-of-way
26.25 or easement for the project. Habitat restoration
26.26 and enhancement are eligible for grants under
26.27 this paragraph. Grants awarded under this
26.28 paragraph may be for up to 75 percent of the
26.29 costs of a project. This appropriation is
26.30 available until June 30, 2024.

26.31 **(h) Groundwater Storage and Recovery**
26.32 **Database**

26.33 \$421,000 the second year is from the trust
26.34 fund to the commissioner of natural resources
26.35 to complete a centralized aquifer property

27.1 database to provide needed data for site
27.2 characterization.

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

27.4 \$1,500,000 the second year is from the trust
27.5 fund to the commissioner of natural resources
27.6 to replace drought-killed seedlings on
27.7 Department of Natural Resources-managed
27.8 lands and to administer grants to Tribal,
27.9 county, and private forestland owners to
27.10 replace drought-killed seedlings on their land.
27.11 Seedling replacement includes site prep,
27.12 replanting, and tending seedlings. This
27.13 appropriation is available until June 30, 2027.

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

27.15 \$360,000 the second year is from the trust
27.16 fund to the commissioner of natural resources
27.17 for grants to assist in constructing rural and
27.18 farmstead ring levees for flood protection in
27.19 the Red River watershed. A grant may not
27.20 exceed 50 percent of the cost of the project.

27.21 **(k) Replacing Failing Septic Systems to Protect**
27.22 **Groundwater**

27.23 \$2,000,000 the second year is from the trust
27.24 fund to the Board of Water and Soil Resources
27.25 to provide grants to rural landowners to
27.26 replace failing septic systems that inadequately
27.27 protect groundwater. Rural landowners, as
27.28 defined in Minnesota Statutes, section 17.117,
27.29 subdivision 4, with income below 300 percent
27.30 of the federal poverty guidelines for the
27.31 applicable family size, shall be eligible for a
27.32 grant under this paragraph. A grant awarded
27.33 under this paragraph shall not exceed the lesser
27.34 of \$5,000 or 35 percent of the cost of replacing
27.35 the failed or failing septic system. The

28.1 issuance of a loan under Minnesota Statutes,
28.2 section 17.117, for the purpose of replacing a
28.3 failed septic system, shall not preclude a rural
28.4 landowner from obtaining a grant under this
28.5 paragraph or vice versa. This appropriation is
28.6 available until June 30, 2025.

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

28.8 \$2,000,000 the second year is from the trust
28.9 fund to the commissioner of agriculture for a
28.10 healthy soil best management practices grant
28.11 program that will: increase the quantity of
28.12 organic carbon in soil through practices,
28.13 including but not limited to reduced tillage,
28.14 cover cropping, manure management,
28.15 precision agriculture, crop rotations, and
28.16 changes in grazing management; integrate
28.17 perennial vegetation into management of
28.18 agricultural lands; reduce nitrous oxide and
28.19 methane emissions through changes to
28.20 livestock, soil management, or nutrient
28.21 optimization; increase the usage of precision
28.22 agricultural practices; enable the development
28.23 of site-specific management plans; or enable
28.24 the purchase of equipment, technology,
28.25 subscriptions, technical assistance, seeds,
28.26 seedlings, or amendments that will further any
28.27 of the purposes of soil health.

28.28 **(m) Forever Green**

28.29 \$2,000,000 the second year is from the trust
28.30 fund to the commissioner of agriculture for
28.31 grants to the Board of Regents of the
28.32 University of Minnesota to fund the Forever
28.33 Green Agriculture Initiative and protect the
28.34 state's natural resources while increasing the
28.35 efficiency, profitability, and productivity of

29.1 Minnesota farmers by incorporating perennial
29.2 and winter-annual crops into existing
29.3 agricultural practices.

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

29.5 \$800,000 the second year is from the trust
29.6 fund to the commissioner of the Pollution
29.7 Control Agency to establish a Pig's Eye
29.8 Landfill Task Force to coordinate efforts to
29.9 remediate and restore the Pig's Eye Landfill
29.10 Superfund site and address perfluoroalkyl and
29.11 polyfluoroalkyl substances (PFAS)
29.12 contamination of Battle Creek, Pig's Eye Lake,
29.13 and nearby groundwater. The task force must
29.14 be made up of at least the commissioner of
29.15 the Pollution Control Agency, the
29.16 commissioner of natural resources, the
29.17 commissioner of health, a representative from
29.18 the Metropolitan Council, a representative
29.19 from the city of St. Paul, a representative from
29.20 Ramsey County, a representative from Dakota
29.21 County, and representatives from relevant
29.22 federal agencies. The task force is subject to
29.23 Minnesota Statutes, section 15.059,
29.24 subdivision 6. The task force must submit an
29.25 annual report to the chairs and ranking
29.26 minority members of the legislative
29.27 committees and divisions with jurisdiction
29.28 over the environment and natural resources
29.29 on the status of the task force's work. The final
29.30 report is due February 15, 2026. The task force
29.31 expires June 30, 2026. This appropriation is
29.32 available until June 30, 2026.

29.33 **(o) Aquaculture Plan**

29.34 \$100,000 the second year is from the trust
29.35 fund to the commissioner of agriculture to

30.1 provide technical assistance and leadership in
 30.2 the development of a comprehensive and
 30.3 well-documented state aquaculture plan. The
 30.4 commissioner must provide the state
 30.5 aquaculture plan to the chairs and ranking
 30.6 minority members of the legislative
 30.7 committees with jurisdiction over agriculture
 30.8 finance and policy by February 15, 2023.

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

30.10 \$1,000,000 the second year is from the trust
 30.11 fund to the commissioner of agriculture for
 30.12 grants to local units of government and Tribal
 30.13 Nations for noxious weed detection, control,
 30.14 and management.

30.15 **(q) Developing Markets for Continuous Living**
 30.16 **Cover Crops**

30.17 \$500,000 the second year is from the trust
 30.18 fund to the commissioner of agriculture for
 30.19 grants to organizations in Minnesota to
 30.20 develop enterprises, supply chains, and
 30.21 markets for continuous living cover crops and
 30.22 cropping systems in the early stage of
 30.23 commercial development, including but not
 30.24 limited to regenerative poultry silvopasture
 30.25 systems, Kernza perennial grain, winter
 30.26 camelina, and elderberry.

30.27 **(r) Demonstration Project for Using Bioethanol**
 30.28 **in Diesel Engines to Reduce Greenhouse Gas**
 30.29 **Emissions**

30.30 \$800,000 the second year is from the trust
 30.31 fund to the commissioner of agriculture for a
 30.32 grant to perform an in-state demonstration of
 30.33 at least two vehicles that have converted diesel
 30.34 engines to run on Minnesota-produced
 30.35 bioethanol and to quantify greenhouse gas

31.1 emissions, criteria pollution, and operating
31.2 cost reduction. Data collected will be used to
31.3 inform project partners of the total economic
31.4 and environmental benefit to the state of
31.5 Minnesota.

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

31.7 \$150,000 the second year is from the trust
31.8 fund to the commissioner of agriculture for a
31.9 grant to the Board of Regents of the University
31.10 of Minnesota to purchase equipment for the
31.11 Veterinary Diagnostic Laboratory to test for
31.12 chronic wasting disease in the wild Cervidae
31.13 population.

31.14 **(t) Emerging Issues Account**

31.15 \$244,000 the second year is from the trust
31.16 fund to an emerging issues account authorized
31.17 in Minnesota Statutes, section 116P.08,
31.18 subdivision 4, paragraph (d).

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

31.20 Notwithstanding anything to the contrary in
31.21 this act or in Minnesota Statutes, chapter 116P,
31.22 a work plan shall not be required for any of
31.23 the projects described in this subdivision.
31.24 However, all other requirements applicable to
31.25 the use of environment and natural resources
31.26 trust fund money remain in force, including
31.27 the obligation to submit progress reports under
31.28 Minnesota Statutes, section 116P.05,
31.29 subdivision 2, and to comply with applicable
31.30 reporting requirements under Minnesota
31.31 Statutes, section 116P.16.

32.1	<u>Subd. 11. Administrative; 2022 Contract</u>		
32.2	<u>Agreement Reimbursement</u>	<u>-0-</u>	<u>132,000</u>
32.3	<u>(a) \$132,000 the second year is from the trust</u>		
32.4	<u>fund to the commissioner of natural resources,</u>		
32.5	<u>at the direction of the Legislative-Citizen</u>		
32.6	<u>Commission on Minnesota Resources, for</u>		
32.7	<u>expenses incurred in preparing and</u>		
32.8	<u>administering contracts, including for the</u>		
32.9	<u>agreements specified in this section.</u>		
32.10	<u>(b) \$78,000 is transferred from the amount</u>		
32.11	<u>appropriated under Laws 2021, First Special</u>		
32.12	<u>Session chapter 6, article 5, section 2,</u>		
32.13	<u>subdivision 4, paragraph (b), to the</u>		
32.14	<u>appropriation in paragraph (a) of this</u>		
32.15	<u>subdivision. The commissioner must provide</u>		
32.16	<u>documentation to the Legislative-Citizen</u>		
32.17	<u>Commission on Minnesota Resources on the</u>		
32.18	<u>expenditure of these funds.</u>		
32.19	<u>Subd. 12. Availability of Appropriations</u>		
32.20	<u>Money appropriated in this section may not</u>		
32.21	<u>be spent on activities unless they are directly</u>		
32.22	<u>related to and necessary for a specific</u>		
32.23	<u>appropriation and are specified in the work</u>		
32.24	<u>plan approved by the Legislative-Citizen</u>		
32.25	<u>Commission on Minnesota Resources. Money</u>		
32.26	<u>appropriated in this section must not be spent</u>		
32.27	<u>on indirect costs or other institutional overhead</u>		
32.28	<u>charges that are not directly related to and</u>		
32.29	<u>necessary for a specific appropriation. Costs</u>		
32.30	<u>that are directly related to and necessary for</u>		
32.31	<u>an appropriation, including financial services,</u>		
32.32	<u>human resources, information services, rent,</u>		
32.33	<u>and utilities, are eligible only if the costs can</u>		
32.34	<u>be clearly justified and individually</u>		
32.35	<u>documented specific to the appropriation's</u>		

33.1 purpose and would not be generated by the
33.2 recipient but for receipt of the appropriation.
33.3 No broad allocations for costs in either dollars
33.4 or percentages are allowed. Unless otherwise
33.5 provided, the amounts in this section are
33.6 available for three years beginning July 1,
33.7 2022, and ending June 30, 2025, when projects
33.8 must be completed and final products
33.9 delivered. For acquisition of real property, the
33.10 appropriations in this section are available for
33.11 an additional fiscal year if a binding contract
33.12 for acquisition of the real property is entered
33.13 into before the expiration date of the
33.14 appropriation. If a project receives a federal
33.15 award, the period of the appropriation is
33.16 extended to equal the federal award period to
33.17 a maximum trust fund appropriation length of
33.18 six years.

33.19 **Subd. 13. Data Availability Requirements Data**

33.20 Data collected by the projects funded under
33.21 this section must conform to guidelines and
33.22 standards adopted by Minnesota IT Services.
33.23 Spatial data must also conform to additional
33.24 guidelines and standards designed to support
33.25 data coordination and distribution that have
33.26 been published by the Minnesota Geospatial
33.27 Information Office. Descriptions of spatial
33.28 data must be prepared as specified in the state's
33.29 geographic metadata guideline and must be
33.30 submitted to the Minnesota Geospatial
33.31 Information Office. All data must be
33.32 accessible and free to the public unless made
33.33 private under the Data Practices Act,
33.34 Minnesota Statutes, chapter 13. To the extent
33.35 practicable, summary data and results of

34.1 projects funded under this section should be
34.2 readily accessible on the Internet and
34.3 identified as having received funding from the
34.4 environment and natural resources trust fund.

34.5 **Subd. 14. Project Requirements**

34.6 (a) Except as provided in subdivision 10,
34.7 paragraph (u), as a condition of accepting an
34.8 appropriation under this section, an agency or
34.9 entity receiving an appropriation or a party to
34.10 an agreement from an appropriation must
34.11 comply with paragraphs (b) to (l) and
34.12 Minnesota Statutes, chapter 116P, and must
34.13 submit a work plan and annual or semiannual
34.14 progress reports in the form determined by the
34.15 Legislative-Citizen Commission on Minnesota
34.16 Resources for any project funded in whole or
34.17 in part with funds from the appropriation.
34.18 Modifications to the approved work plan and
34.19 budget expenditures must be made through
34.20 the amendment process established by the
34.21 Legislative-Citizen Commission on Minnesota
34.22 Resources.

34.23 (b) A recipient of money appropriated in this
34.24 section that conducts a restoration using funds
34.25 appropriated in this section must use native
34.26 plant species according to the Board of Water
34.27 and Soil Resources' native vegetation
34.28 establishment and enhancement guidelines
34.29 and include an appropriate diversity of native
34.30 species selected to provide habitat for
34.31 pollinators throughout the growing season as
34.32 required under Minnesota Statutes, section
34.33 84.973.

34.34 (c) For all restorations conducted with money
34.35 appropriated under this section, a recipient

35.1 must prepare an ecological restoration and
35.2 management plan that, to the degree
35.3 practicable, is consistent with the
35.4 highest-quality conservation and ecological
35.5 goals for the restoration site. Consideration
35.6 should be given to soil, geology, topography,
35.7 and other relevant factors that would provide
35.8 the best chance for long-term success and
35.9 durability of the restoration project. The plan
35.10 must include the proposed timetable for
35.11 implementing the restoration, including site
35.12 preparation, establishment of diverse plant
35.13 species, maintenance, and additional
35.14 enhancement to establish the restoration;
35.15 identify long-term maintenance and
35.16 management needs of the restoration and how
35.17 the maintenance, management, and
35.18 enhancement will be financed; and take
35.19 advantage of the best-available science and
35.20 include innovative techniques to achieve the
35.21 best restoration.

35.22 (d) An entity receiving an appropriation in this
35.23 section for restoration activities must provide
35.24 an initial restoration evaluation at the
35.25 completion of the appropriation and an
35.26 evaluation three years after the completion of
35.27 the expenditure. Restorations must be
35.28 evaluated relative to the stated goals and
35.29 standards in the restoration plan, current
35.30 science, and, when applicable, the Board of
35.31 Water and Soil Resources' native vegetation
35.32 establishment and enhancement guidelines.
35.33 The evaluation must determine whether the
35.34 restorations are meeting planned goals,
35.35 identify any problems with implementing the
35.36 restorations, and, if necessary, give

- 36.1 recommendations on improving restorations.
- 36.2 The evaluation must be focused on improving
- 36.3 future restorations.
- 36.4 (e) All restoration and enhancement projects
- 36.5 funded with money appropriated in this section
- 36.6 must be on land permanently protected by a
- 36.7 conservation easement or public ownership.
- 36.8 (f) A recipient of money from an appropriation
- 36.9 under this section must give consideration to
- 36.10 contracting with Conservation Corps
- 36.11 Minnesota for contract restoration and
- 36.12 enhancement services.
- 36.13 (g) All conservation easements acquired with
- 36.14 money appropriated under this section must:
- 36.15 (1) be permanent;
- 36.16 (2) specify the parties to an easement in the
- 36.17 easement;
- 36.18 (3) specify all provisions of an agreement that
- 36.19 are permanent;
- 36.20 (4) be sent to the Legislative-Citizen
- 36.21 Commission on Minnesota Resources in an
- 36.22 electronic format at least ten business days
- 36.23 before closing;
- 36.24 (5) include a long-term monitoring and
- 36.25 enforcement plan and funding for monitoring
- 36.26 and enforcing the easement agreement; and
- 36.27 (6) include requirements in the easement
- 36.28 document to protect the quantity and quality
- 36.29 of groundwater and surface water through
- 36.30 specific activities such as keeping water on
- 36.31 the landscape, reducing nutrient and
- 36.32 contaminant loading, and not permitting
- 36.33 artificial hydrological modifications.

37.1 (h) For any acquisition of lands or interest in
37.2 lands, a recipient of money appropriated under
37.3 this section must not agree to pay more than
37.4 100 percent of the appraised value for a parcel
37.5 of land using this money to complete the
37.6 purchase, in part or in whole, except that up
37.7 to ten percent above the appraised value may
37.8 be allowed to complete the purchase, in part
37.9 or in whole, using this money if permission is
37.10 received in advance of the purchase from the
37.11 Legislative-Citizen Commission on Minnesota
37.12 Resources.

37.13 (i) For any acquisition of land or interest in
37.14 land, a recipient of money appropriated under
37.15 this section must give priority to high-quality
37.16 natural resources or conservation lands that
37.17 provide natural buffers to water resources.

37.18 (j) For new lands acquired with money
37.19 appropriated under this section, a recipient
37.20 must prepare an ecological restoration and
37.21 management plan in compliance with
37.22 paragraph (c), including sufficient funding for
37.23 implementation unless the work plan addresses
37.24 why a portion of the money is not necessary
37.25 to achieve a high-quality restoration.

37.26 (k) To ensure public accountability for using
37.27 public funds, a recipient of money
37.28 appropriated under this section must, within
37.29 60 days of the transaction, provide to the
37.30 Legislative-Citizen Commission on Minnesota
37.31 Resources documentation of the selection
37.32 process used to identify parcels acquired and
37.33 provide documentation of all related
37.34 transaction costs, including but not limited to
37.35 appraisals, legal fees, recording fees,

38.1 commissions, other similar costs, and
38.2 donations. This information must be provided
38.3 for all parties involved in the transaction. The
38.4 recipient must also report to the
38.5 Legislative-Citizen Commission on Minnesota
38.6 Resources any difference between the
38.7 acquisition amount paid to the seller and the
38.8 state-certified or state-reviewed appraisal, if
38.9 a state-certified or state-reviewed appraisal
38.10 was conducted.

38.11 (l) A recipient of an appropriation from the
38.12 trust fund under this section must acknowledge
38.13 financial support from the environment and
38.14 natural resources trust fund in project
38.15 publications, signage, and other public
38.16 communications and outreach related to work
38.17 completed using the appropriation.

38.18 Acknowledgment may occur, as appropriate,
38.19 through use of the trust fund logo or inclusion
38.20 of language attributing support from the trust
38.21 fund. Each direct recipient of money
38.22 appropriated in this section, as well as each
38.23 recipient of a grant awarded pursuant to this
38.24 section, must satisfy all reporting and other
38.25 requirements incumbent upon constitutionally
38.26 dedicated funding recipients as provided in
38.27 Minnesota Statutes, section 3.303, subdivision
38.28 10, and chapter 116P.

38.29 (m) A recipient of an appropriation from the
38.30 trust fund under this section that is receiving
38.31 funding to conduct children's services, as
38.32 defined in Minnesota Statutes, section
38.33 299C.61, subdivision 7, must certify to the
38.34 Legislative-Citizen Commission on Minnesota
38.35 Resources, as part of the required work plan,

39.1 that criminal background checks for
39.2 background check crimes, as defined in
39.3 Minnesota Statutes, section 299C.61,
39.4 subdivision 2, are performed on all employees,
39.5 contractors, and volunteers that have or may
39.6 have access to a child to whom the recipient
39.7 provides children's services using the
39.8 appropriation.

39.9 **Subd. 15. Payment Conditions and Capital**
39.10 **Equipment Expenditures**

39.11 (a) All agreements, grants, or contracts
39.12 referred to in this section must be administered
39.13 on a reimbursement basis unless otherwise
39.14 provided in this section. Notwithstanding
39.15 Minnesota Statutes, section 16A.41,
39.16 expenditures made on or after July 1, 2022,
39.17 or the date the work plan is approved,
39.18 whichever is later, are eligible for
39.19 reimbursement unless otherwise provided in
39.20 this section. Periodic payments must be made
39.21 upon receiving documentation that the
39.22 deliverable items articulated in the approved
39.23 work plan have been achieved, including
39.24 partial achievements as evidenced by approved
39.25 progress reports. Reasonable amounts may be
39.26 advanced to projects to accommodate
39.27 cash-flow needs or match federal money. The
39.28 advances must be approved as part of the work
39.29 plan. No expenditures for capital equipment
39.30 are allowed unless expressly authorized in the
39.31 project work plan.

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

40.1 **Subd. 16. Purchasing Recycled and Recyclable**
40.2 **Materials**

40.3 A political subdivision, public or private
40.4 corporation, or other entity that receives an
40.5 appropriation under this section must use the
40.6 appropriation in compliance with Minnesota
40.7 Statutes, section 16C.0725, regarding
40.8 purchasing recycled, repairable, and durable
40.9 materials, and Minnesota Statutes, section
40.10 16C.073, regarding purchasing and using
40.11 paper stock and printing.

40.12 **Subd. 17. Energy Conservation and Sustainable**
40.13 **Building Guidelines**

40.14 A recipient to whom an appropriation is made
40.15 under this section for a capital improvement
40.16 project must ensure that the project complies
40.17 with the applicable energy conservation and
40.18 sustainable building guidelines and standards
40.19 contained in law, including Minnesota
40.20 Statutes, sections 16B.325, 216C.19, and
40.21 216C.20, and rules adopted under those
40.22 sections. The recipient may use the energy
40.23 planning, advocacy, and State Energy Office
40.24 units of the Department of Commerce to
40.25 obtain information and technical assistance
40.26 on energy conservation and alternative-energy
40.27 development relating to planning and
40.28 constructing the capital improvement project.

40.29 **Subd. 18. Accessibility**

40.30 Structural and nonstructural facilities must
40.31 meet the design standards in the Americans
40.32 with Disabilities Act (ADA) accessibility
40.33 guidelines.

- 41.1 **Subd. 19. Carryforward; Extensions**
- 41.2 (a) The availability of the appropriation under
- 41.3 Laws 2019, First Special Session chapter 4,
- 41.4 article 2, section 2, subdivision 9, paragraph
- 41.5 (e), National Loon Center, is extended to June
- 41.6 30, 2024.
- 41.7 (b) The availability of the transfers for the
- 41.8 following projects is extended to June 30,
- 41.9 2024:
- 41.10 (1) Laws 2021, First Special Session chapter
- 41.11 6, article 5, section 2, subdivision 20,
- 41.12 paragraph (a), clause (1), for the
- 41.13 Unprecedented Change Threatens Minnesota's
- 41.14 Pristine Lakes project;
- 41.15 (2) Laws 2021, First Special Session chapter
- 41.16 6, article 5, section 2, subdivision 20,
- 41.17 paragraph (a), clause (2), for the Wastewater
- 41.18 Pond Optimization project;
- 41.19 (3) Laws 2021, First Special Session chapter
- 41.20 6, article 5, section 2, subdivision 20,
- 41.21 paragraph (a), clause (3), for the Applied
- 41.22 Research in State Mineral and Water
- 41.23 Resources project;
- 41.24 (4) Laws 2021, First Special Session chapter
- 41.25 6, article 5, section 2, subdivision 20,
- 41.26 paragraph (a), clause (4), for the Chloride
- 41.27 Pollution Reduction project;
- 41.28 (5) Laws 2021, First Special Session chapter
- 41.29 6, article 5, section 2, subdivision 20,
- 41.30 paragraph (a), clause (5), for the CWD Prion
- 41.31 Research in Soils project;
- 41.32 (6) Laws 2021, First Special Session chapter
- 41.33 6, article 5, section 2, subdivision 20,

- 42.1 paragraph (b), clauses (1) and (2), Lawns to
42.2 Legumes;
- 42.3 (7) Laws 2021, First Special Session chapter
42.4 6, article 5, section 2, subdivision 20,
42.5 paragraph (c), clauses (1) to (8), Emerging
42.6 Issues Account; and
- 42.7 (8) Laws 2021, First Special Session chapter
42.8 6, article 6, section 2, subdivision 19,
42.9 paragraph (a), clauses (1) to (4), for the Forest
42.10 Health Research, Development and
42.11 Demonstration project at the Natural
42.12 Resources Research Institute.
- 42.13 (c) Notwithstanding Minnesota Statutes,
42.14 section 16A.28, or any other law to the
42.15 contrary, the availability of any appropriation
42.16 or grant of money from the environment and
42.17 natural resources trust fund that would
42.18 otherwise cancel, lapse, or expire on June 30,
42.19 2022, is extended to June 30, 2023, if the
42.20 recipient or grantee:
- 42.21 (1) by May 15, 2022, notifies the
42.22 Legislative-Citizen Commission on Minnesota
42.23 Resources in the manner specified by the
42.24 commission that the recipient or grantee
42.25 intends to avail itself of the extension available
42.26 under this subdivision; and
- 42.27 (2) modifies the applicable work plan where
42.28 required by Minnesota Statutes, section
42.29 116P.05, subdivision 2, in accordance with
42.30 the work plan amendment procedures adopted
42.31 under that section.
- 42.32 (d) The commission must notify the
42.33 commissioner of management and budget and

43.1 the commissioner of natural resources of any
43.2 extension granted under paragraph (c).

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

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

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

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