

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 the environment and natural resources trust fund

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

1.5 Buhl; amending Minnesota Statutes 2020, sections 116P.08, subdivision 2; 116P.15,

1.6 by adding a subdivision; Laws 2017, chapter 96, section 2, subdivision 9, as

1.7 amended; proposing coding for new law in Minnesota Statutes, chapter 116P.

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

1.9 Section 1. APPROPRIATIONS.

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

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

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

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

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

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

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

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

1.18 are onetime appropriations.

1.19		<u>APPROPRIATIONS</u>	
1.20		<u>Available for the Year</u>	
1.21		<u>Ending June 30</u>	
1.22		<u>2022</u>	<u>2023</u>

1.23 Sec. 2. MINNESOTA RESOURCES

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

2.5 **Subd. 2. Definition**

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

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

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5,491,000

2.12 **(a) Efficacy of Urban Archery Hunting to**
2.13 **Manage Deer**

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

2.22 **(b) Improving Golden-Winged Warbler**
2.23 **Conservation and Habitat Restoration**

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

2.32 **(c) Strategic Framework to Guide Local Water**
2.33 **Storage Implementation**

2.34 \$200,000 the second year is from the trust
2.35 fund to the Board of Water and Soil Resources

3.1 to create a framework for prioritizing water
3.2 storage projects throughout the state. The
3.3 framework will use existing data and local
3.4 stakeholder input, be scalable, and emphasize
3.5 projects that provide multiple benefits,
3.6 including for water quality, flood control, and
3.7 habitat.

3.8 **(d) Status of Minnesota Blueberries and Related**
3.9 **Berry Species**

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

3.20 **(e) Distribution and Movements of Fishers in**
3.21 **Southern Minnesota**

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

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

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

4.1 budworm to provide better management
4.2 options for protecting the state's spruce-balsam
4.3 fir forests.

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

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

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

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

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

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

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

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

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

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

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

5.29 **Subd. 4. Water Resources**

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3,744,000

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

5.32 \$476,000 the second year is from the trust
5.33 fund to the Board of Regents of the University
5.34 of Minnesota to work with farmers to
5.35 accelerate adoption of grain-camelina rotations

6.1 in targeted watersheds as a scalable and
6.2 market-driven way to enhance stewardship of
6.3 soil, water, and wildlife.

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

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

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

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

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

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

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

7.1 \$200,000 the second year is from the trust
7.2 fund to the Board of Regents of the University
7.3 of Minnesota for the Large Lakes Observatory
7.4 in Duluth to determine how changing winter
7.5 conditions such as ice cover, snowfall patterns,
7.6 and water quality affect Minnesota's game fish
7.7 populations.

7.8 **(f) Rainy River Drivers of Lake of the Woods**
7.9 **Algal Blooms**

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

7.21 **(g) Increased Intense Rain and Flooding in**
7.22 **Minnesota's Watersheds**

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

7.31 **(h) Removing CECs from Stormwater with**
7.32 **Biofiltration**

7.33 \$439,000 the second year is from the trust
7.34 fund to the Board of Regents of the University
7.35 of Minnesota for the St. Anthony Falls

8.1 Laboratory to optimize designs for removing
8.2 contaminants of emerging concern (CECs)
8.3 from stormwater runoff with biofiltration and
8.4 to develop guidance on biofiltration use for
8.5 Minnesota stormwater managers.

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

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

8.14 **(j) Mitigation Strategies for Agroplastic PFAS**
8.15 **and Microplastic Contamination**

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

8.25 **(k) Innovative Technology for PFAS Destruction**
8.26 **in Drinking Water**

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

9.1 is subject to Minnesota Statutes, section
9.2 116P.10.

9.3 **(l) PFAS Contaminant Mitigation Using Hybrid**
9.4 **Engineered Wetlands**

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

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

9.14 **(a) Teacher Field School: Stewardship through**
9.15 **Nature-Based Education**

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

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

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

10.1 **(c) Expanding Access to Wildlife Learning Bird**
10.2 **by Bird**

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

10.10 **(d) Engaging a Diverse Public in Environmental**
10.11 **Stewardship**

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

10.21 **(e) LCCMR Stories: Sharing Minnesota's**
10.22 **Biggest Environmental Investment**

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

10.30 **(f) Bugs Below Zero: Engaging Citizens in**
10.31 **Winter Research**

10.32 \$198,000 the second year is from the trust
10.33 fund to the Board of Regents of the University
10.34 of Minnesota to raise awareness about the
10.35 winter life of bugs, inspire learning about

11.1 stream food webs, and engage citizen scientists
11.2 in research and environmental stewardship.

11.3 **(g) ESTEP: Earth Science Teacher Education**
11.4 **Project**

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

11.12 **(h) YES! Students Take Action to Complete Eco**
11.13 **Projects**

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

11.24 **(i) Increasing Diversity in Environmental**
11.25 **Careers**

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

12.1 **(j) Diversity and Access to Wildlife-Related**
12.2 **Opportunities**

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

12.10 **Subd. 6. Aquatic and Terrestrial Invasive**
12.11 **Species**

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4,174,000

12.12 **(a) Minnesota Invasive Terrestrial Plants and**
12.13 **Pests Center**

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

12.26 **(b) Purple Loosestrife Biocontrol Citizen Science**
12.27 **Program**

12.28 \$174,000 the second year is from the trust
12.29 fund to the commissioner of natural resources
12.30 for an agreement with the Wild Rivers
12.31 Conservancy to protect and restore native
12.32 ecosystems by identifying purple loosestrife
12.33 in priority management areas and engaging,
12.34 educating, and empowering citizens to use an
12.35 approved purple loosestrife biocontrol in
12.36 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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8,861,000

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 **Subd. 9. Land Acquisition, Habitat, and**
17.22 **Recreation**

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21,742,000

17.23 **(a) Mesabi Trail: Wahlsten Road (CR 26) to**
17.24 **Tower**

17.25 \$1,307,000 the second year is from the trust
17.26 fund to the commissioner of natural resources
17.27 for an agreement with the St. Louis and Lake
17.28 Counties Regional Railroad Authority to
17.29 acquire, engineer, and construct a segment of
17.30 the Mesabi Trail beginning at the intersection
17.31 of Wahlsten Road (CR 26) and Benson Road
17.32 in Embarrass and extending to Tower.

17.33 **(b) The Missing Link: Gull Lake Trail, Fairview**
17.34 **Township**

18.1 \$1,394,000 the second year is from the trust
18.2 fund to the commissioner of natural resources
18.3 for an agreement with Fairview Township to
18.4 complete the Gull Lake Trail by engineering
18.5 and constructing the trail's final segment
18.6 through Fairview Township in the Brainerd
18.7 Lakes area.

18.8 **(c) Redhead Mountain Bike Park**

18.9 \$1,285,000 the second year is from the trust
18.10 fund to the commissioner of natural resources
18.11 for an agreement with the Minnesota
18.12 Discovery Center to enhance outdoor
18.13 recreational opportunities by adding trails and
18.14 recreational amenities to the Redhead
18.15 Mountain Bike Park in Chisholm.

18.16 **(d) Environmental Learning Classroom with**
18.17 **Trails**

18.18 \$82,000 the second year is from the trust fund
18.19 to the commissioner of natural resources for
18.20 an agreement with Mountain Iron-Buhl Public
18.21 Schools to build an outdoor classroom
18.22 pavilion, accessible trails, and a footbridge
18.23 within the Mountain Iron-Buhl School Forest
18.24 to conduct environmental education that
18.25 cultivates a lasting conservation ethic.

18.26 **(e) Local Parks, Trails, and Natural Areas Grant**
18.27 **Programs**

18.28 \$4,000,000 the second year is from the trust
18.29 fund to the commissioner of natural resources
18.30 to solicit, rank, and fund competitive matching
18.31 grants for local parks, trail connections, and
18.32 natural and scenic areas under Minnesota
18.33 Statutes, section 85.019. This appropriation is
18.34 for local nature-based recreation, connections
18.35 to regional and state natural areas, and

19.1 recreation facilities and may not be used for
19.2 athletic facilities such as sport fields, courts,
19.3 and playgrounds.

19.4 **(f) St. Louis River Re-Connect**

19.5 \$1,200,000 the second year is from the trust
19.6 fund to the commissioner of natural resources
19.7 for an agreement with the city of Duluth to
19.8 expand recreational access along the St. Louis
19.9 River and estuary by implementing the St.
19.10 Louis River National Water Trail outreach
19.11 plan, designing and constructing upgrades and
19.12 extensions to the Waabizheshikana Trail, and
19.13 installing interpretive features that describe
19.14 the cultural and ecological significance of the
19.15 area.

19.16 **(g) Silver Bay Multimodal Trailhead Project**

19.17 \$1,650,000 the second year is from the trust
19.18 fund to the commissioner of natural resources
19.19 for an agreement with the city of Silver Bay
19.20 to develop a multimodal trailhead center to
19.21 provide safe access to the Superior,
19.22 Gitchi-Gami, and C.J. Ramstad/North Shore
19.23 trails; Black Beach Park; and other
19.24 recreational destinations.

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

19.26 \$6,022,000 the second year is from the trust
19.27 fund to the commissioner of natural resources
19.28 to expand recreational opportunities on
19.29 Minnesota state trails by rehabilitating and
19.30 enhancing existing state trails and replacing
19.31 or repairing existing state trail bridges.

19.32 **(i) Brookston Campground, Boat Launch, and**
19.33 **Outdoor Recreational Facility**

20.1 \$453,000 the second year is from the trust
20.2 fund to the commissioner of natural resources
20.3 for an agreement with the city of Brookston
20.4 to build a campground, boat launch, and
20.5 outdoor recreation area on the banks of the St.
20.6 Louis River in northeastern Minnesota. Before
20.7 any trust fund dollars are spent, the city must
20.8 demonstrate that all funds to complete the
20.9 project are secured and a fiscal agent must be
20.10 approved in the work plan.

20.11 **(j) Silver Lake Trail Connection**

20.12 \$727,000 the second year is from the trust
20.13 fund to the commissioner of natural resources
20.14 for an agreement with the city of Virginia to
20.15 design, engineer, and construct a multiuse trail
20.16 that will connect Silver Lake Trail to a new
20.17 Miners Entertainment and Convention Center
20.18 and provide lighting on Bailey Lake Trail.

20.19 **(k) Floodwood Campground Improvement**
20.20 **Project**

20.21 \$816,000 the second year is from the trust
20.22 fund to the commissioner of natural resources
20.23 for an agreement with the city of Floodwood
20.24 to upgrade the Floodwood Campground and
20.25 connecting trails to provide high-quality nature
20.26 and recreation experience for people of all
20.27 ages.

20.28 **(l) Ranier Safe Harbor/Transient Dock - Phase**
20.29 **2**

20.30 \$1,113,000 the second year is from the trust
20.31 fund to the commissioner of natural resources
20.32 for an agreement with the city of Ranier to
20.33 construct a safe harbor and transient dock to
20.34 accommodate watercraft of many sizes to
20.35 improve public access for boat recreation on

21.1 Rainy Lake. Before trust fund dollars are
21.2 spent, a fiscal agent must be approved in the
21.3 work plan. Before any trust fund dollars are
21.4 spent, the city must demonstrate that all funds
21.5 to complete the project are secured. Any
21.6 revenue generated from selling products or
21.7 assets developed or acquired with this
21.8 appropriation must be repaid to the trust fund
21.9 unless a plan is approved for reinvestment of
21.10 income in the project as provided under
21.11 Minnesota Statutes, section 116P.10.

21.12 **(m) Prospector ATV Trails**

21.13 \$944,000 the second year is from the trust
21.14 fund to the commissioner of natural resources
21.15 for an agreement with the city of Ely to work
21.16 with the Prospector ATV Club to extend and
21.17 upgrade several sections of the Prospector
21.18 ATV trail system.

21.19 **(n) City of Biwabik Recreation Area**

21.20 \$749,000 the second year is from the trust
21.21 fund to the commissioner of natural resources
21.22 for an agreement with the city of Biwabik to
21.23 reconstruct and renovate Biwabik Recreation
21.24 Area's access road, parking area, and bathroom
21.25 facilities.

21.26 **Subd. 10. Emerging Issues**

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22,479,000

21.27 **(a) Aggregate Resource Mapping**

21.28 \$500,000 the second year is from the trust
21.29 fund to the commissioner of natural resources
21.30 for continued mapping of the aggregate
21.31 resource potential in the state of Minnesota
21.32 and to make the information available in print
21.33 and electronic format to local units of
21.34 government for use in planning and zoning.

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

22.2 \$200,000 the second year is from the trust
22.3 fund to the commissioner of administration
22.4 for a grant to the city of Paynesville to procure
22.5 an analysis of the extent of leaded gasoline
22.6 contamination in or near the cities of
22.7 Paynesville, Foley, Alexandria, and Blaine,
22.8 and of the threat posed by the contamination
22.9 to each city's drinking water supply. The
22.10 vendor selected to perform the analysis must
22.11 use the same methodology to conduct the
22.12 analysis for each city and must produce
22.13 findings that are comparable between cities.
22.14 The cities must work cooperatively to select
22.15 a vendor. By January 15, 2024, the city
22.16 administrator of the city of Paynesville must
22.17 report the results of the analysis to the chairs
22.18 and ranking minority members of the house
22.19 of representatives and senate committees and
22.20 divisions with jurisdiction over environment
22.21 and natural resources.

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

22.23 \$500,000 the second year is from the trust
22.24 fund to the commissioner of transportation for
22.25 contracts to build and improve living snow
22.26 fences consisting of trees, shrubs, native
22.27 grasses, and wildflowers. Money appropriated
22.28 in this paragraph may only be used to acquire
22.29 and plant trees native to Minnesota. This
22.30 appropriation is available until June 30, 2026.

22.31 **(d) Forest Data Inventory**

22.32 \$500,000 the second year is from the trust
22.33 fund to the commissioner of natural resources
22.34 for an enhanced forest inventory on county
22.35 and private lands.

23.1 **(e) Conservation Reserve Program State**
23.2 **Incentives**

23.3 \$1,000,000 the second year is from the trust
23.4 fund to the Board of Water and Soil Resources
23.5 to provide onetime state incentive payments
23.6 to enrollees in the federal Conservation
23.7 Reserve Program (CRP) during the continuous
23.8 enrollment period and to enroll land in
23.9 conservation easements consistent with
23.10 Minnesota Statutes, section 103F.515. The
23.11 board may establish payment rates based on
23.12 land valuation and on environmental benefit
23.13 criteria, including but not limited to surface
23.14 water or groundwater pollution reduction,
23.15 drinking water protection, soil health,
23.16 pollinator and wildlife habitat, and other
23.17 conservation enhancements. The board may
23.18 use state funds to implement the program and
23.19 to provide technical assistance to landowners
23.20 or their agents to fulfill enrollment and
23.21 contract provisions. The board must consult
23.22 with the commissioners of agriculture, health,
23.23 natural resources, and the Pollution Control
23.24 Agency and the United States Department of
23.25 Agriculture in establishing program criteria.
23.26 This appropriation is available until June 30,
23.27 2026.

23.28 **(f) Ditch Improvements for Control of Water**
23.29 **Levels**

23.30 \$500,000 the second year is from the trust
23.31 fund to the commissioner of natural resources
23.32 for grants to counties and townships for repair
23.33 and maintenance of ditches not included
23.34 within a public ditch system that provide water
23.35 level control of lakes and wetlands to prevent
23.36 erosion.

24.1 **(g) Pipeline Conservation Program**
24.2 \$500,000 the second year is from the trust
24.3 fund to the Board of Water and Soil Resources
24.4 to award grants to nonprofit organizations with
24.5 a conservation mission and to secondary and
24.6 postsecondary schools as part of a
24.7 conservation curriculum to plant pipeline
24.8 rights-of-way and easements with native
24.9 vegetation, pollinator-friendly forbs, or
24.10 legumes to protect a diversity of pollinators.
24.11 Before a grant is disbursed, a grant applicant
24.12 must enter an agreement with a pipeline
24.13 operator that allows access to the right-of-way
24.14 or easement for the project. Habitat restoration
24.15 and enhancement are eligible for grants under
24.16 this paragraph. Grants awarded under this
24.17 paragraph may be for up to 75 percent of the
24.18 costs of a project. This appropriation is
24.19 available until June 30, 2024.

24.20 **(h) Groundwater Storage and Recovery**
24.21 **Database**

24.22 \$421,000 the second year is from the trust
24.23 fund to the commissioner of natural resources
24.24 to complete a centralized aquifer property
24.25 database to provide needed data for site
24.26 characterization.

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

24.28 \$5,000,000 the second year is from the trust
24.29 fund to the commissioner of natural resources
24.30 to replace drought-killed seedlings on
24.31 Department of Natural Resources-managed
24.32 lands and to administer grants to Tribal,
24.33 county, and private forestland owners to
24.34 replace drought-killed seedlings on their land.
24.35 Seedling replacement includes site prep,

25.1 replanting, and tending seedlings. This
25.2 appropriation is available until June 30, 2027.

25.3 **(j) Rural and Farmstead Ring Levees**

25.4 \$360,000 the second year is from the trust
25.5 fund to the commissioner of natural resources
25.6 for grants to assist in constructing rural and
25.7 farmstead ring levees for flood protection in
25.8 the Red River watershed. A grant may not
25.9 exceed 50 percent of the cost of the project.

25.10 **(k) Replacing Failing Septic Systems to Protect**
25.11 **Groundwater**

25.12 \$2,000,000 the second year is from the trust
25.13 fund to the commissioner of the Pollution
25.14 Control Agency to counties for grants to
25.15 low-income landowners to address septic
25.16 systems that pose an imminent threat to public
25.17 health or safety or fail to protect groundwater.
25.18 The issuance of a loan under Minnesota
25.19 Statutes, section 17.117, for the purpose of
25.20 replacing a failed septic system, shall not
25.21 preclude a rural landowner from obtaining a
25.22 grant under this paragraph or vice versa. This
25.23 appropriation is available until June 30, 2025.

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

25.25 \$4,000,000 the second year is from the trust
25.26 fund to the commissioner of agriculture for a
25.27 healthy soil best management practices grant
25.28 program that will: increase the quantity of
25.29 organic carbon in soil through practices,
25.30 including but not limited to reduced tillage,
25.31 cover cropping, manure management,
25.32 precision agriculture, crop rotations, and
25.33 changes in grazing management; integrate
25.34 perennial vegetation into management of
25.35 agricultural lands; reduce nitrous oxide and

26.1 methane emissions through changes to
26.2 livestock, soil management, or nutrient
26.3 optimization; increase the usage of precision
26.4 agricultural practices; enable the development
26.5 of site-specific management plans; or enable
26.6 the purchase of equipment, technology,
26.7 subscriptions, technical assistance, seeds,
26.8 seedlings, or amendments that will further any
26.9 of the purposes of soil health.

26.10 **(m) Forever Green**

26.11 \$2,700,000 the second year is from the trust
26.12 fund to the commissioner of agriculture for
26.13 grants to the Board of Regents of the
26.14 University of Minnesota to fund the Forever
26.15 Green Agriculture Initiative and protect the
26.16 state's natural resources while increasing the
26.17 efficiency, profitability, and productivity of
26.18 Minnesota farmers by incorporating perennial
26.19 and winter-annual crops into existing
26.20 agricultural practices.

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

26.22 \$800,000 the second year is from the trust
26.23 fund to the commissioner of the Pollution
26.24 Control Agency to establish a Pig's Eye
26.25 Landfill Task Force to coordinate efforts to
26.26 remediate and restore the Pig's Eye Landfill
26.27 Superfund site and address perfluoroalkyl and
26.28 polyfluoroalkyl substances (PFAS)
26.29 contamination of Battle Creek, Pig's Eye Lake,
26.30 and nearby groundwater. The task force must
26.31 be made up of at least the commissioner of
26.32 the Pollution Control Agency, the
26.33 commissioner of natural resources, the
26.34 commissioner of health, a representative from
26.35 the Metropolitan Council, a representative

27.1 from the city of St. Paul, a representative from
27.2 Ramsey County, a representative from Dakota
27.3 County, and representatives from relevant
27.4 federal agencies. The task force is subject to
27.5 Minnesota Statutes, section 15.059,
27.6 subdivision 6. The task force must submit an
27.7 annual report to the chairs and ranking
27.8 minority members of the legislative
27.9 committees and divisions with jurisdiction
27.10 over the environment and natural resources
27.11 on the status of the task force's work. The final
27.12 report is due February 15, 2026. The task force
27.13 expires June 30, 2026. This appropriation is
27.14 available until June 30, 2026.

27.15 **(o) Aquaculture Plan**

27.16 \$100,000 the second year is from the trust
27.17 fund to the commissioner of agriculture to
27.18 provide technical assistance and leadership in
27.19 the development of a comprehensive and
27.20 well-documented state aquaculture plan. The
27.21 commissioner must provide the state
27.22 aquaculture plan to the chairs and ranking
27.23 minority members of the legislative
27.24 committees with jurisdiction over agriculture
27.25 finance and policy by February 15, 2023.

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

27.27 \$1,000,000 the second year is from the trust
27.28 fund to the commissioner of agriculture for
27.29 grants to local units of government and Tribal
27.30 Nations for noxious weed detection, control,
27.31 and management.

27.32 **(q) Developing Markets for Continuous Living**
27.33 **Cover Crops**

27.34 \$1,204,000 the second year is from the trust
27.35 fund to the commissioner of agriculture for

28.1 grants to organizations in Minnesota to
28.2 develop enterprises, supply chains, and
28.3 markets for continuous living cover crops and
28.4 cropping systems in the early stage of
28.5 commercial development, including but not
28.6 limited to regenerative poultry silvopasture
28.7 systems, Kernza perennial grain, winter
28.8 camelina, and elderberry.

28.9 **(r) Demonstration Project for Using Bioethanol**
28.10 **in Diesel Engines to Reduce Greenhouse Gas**
28.11 **Emissions**

28.12 \$800,000 the second year is from the trust
28.13 fund to the commissioner of agriculture for a
28.14 grant to perform an in-state demonstration of
28.15 at least two vehicles that have converted diesel
28.16 engines to run on Minnesota-produced
28.17 bioethanol and to quantify greenhouse gas
28.18 emissions, criteria pollution, and operating
28.19 cost reduction. Data collected will be used to
28.20 inform project partners of the total economic
28.21 and environmental benefit to the state of
28.22 Minnesota.

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

28.24 \$150,000 the second year is from the trust
28.25 fund to the commissioner of agriculture for a
28.26 grant to the Board of Regents of the University
28.27 of Minnesota to purchase equipment for the
28.28 Veterinary Diagnostic Laboratory to test for
28.29 chronic wasting disease in the wild Cervidae
28.30 population.

28.31 **(t) Emerging Issues Account**

28.32 \$244,000 the second year is from the trust
28.33 fund to an emerging issues account authorized
28.34 in Minnesota Statutes, section 116P.08,
28.35 subdivision 4, paragraph (d).

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

29.2 Notwithstanding anything to the contrary in
29.3 this act or in Minnesota Statutes, chapter 116P,
29.4 a work plan shall not be required for any of
29.5 the projects described in this subdivision.

29.6 However, all other requirements applicable to
29.7 the use of environment and natural resources
29.8 trust fund money remain in force, including
29.9 the obligation to submit progress reports under
29.10 Minnesota Statutes, section 116P.05,
29.11 subdivision 2, and to comply with applicable
29.12 reporting requirements under Minnesota
29.13 Statutes, section 116P.16.

29.14 **Subd. 11. Administrative; 2022 Contract**
29.15 **Agreement Reimbursement**

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132,000

29.16 (a) \$132,000 the second year is from the trust
29.17 fund to the commissioner of natural resources,
29.18 at the direction of the Legislative-Citizen
29.19 Commission on Minnesota Resources, for
29.20 expenses incurred in preparing and
29.21 administering contracts, including for the
29.22 agreements specified in this section.

29.23 (b) \$78,000 is transferred from the amount
29.24 appropriated under Laws 2021, First Special
29.25 Session chapter 6, article 5, section 2,
29.26 subdivision 4, paragraph (b), to the
29.27 appropriation in paragraph (a) of this
29.28 subdivision. The commissioner must provide
29.29 documentation to the Legislative-Citizen
29.30 Commission on Minnesota Resources on the
29.31 expenditure of these funds.

29.32 **Subd. 12. Availability of Appropriations**

29.33 Money appropriated in this section may not
29.34 be spent on activities unless they are directly
29.35 related to and necessary for a specific

30.1 appropriation and are specified in the work
30.2 plan approved by the Legislative-Citizen
30.3 Commission on Minnesota Resources. Money
30.4 appropriated in this section must not be spent
30.5 on indirect costs or other institutional overhead
30.6 charges that are not directly related to and
30.7 necessary for a specific appropriation. Costs
30.8 that are directly related to and necessary for
30.9 an appropriation, including financial services,
30.10 human resources, information services, rent,
30.11 and utilities, are eligible only if the costs can
30.12 be clearly justified and individually
30.13 documented specific to the appropriation's
30.14 purpose and would not be generated by the
30.15 recipient but for receipt of the appropriation.
30.16 No broad allocations for costs in either dollars
30.17 or percentages are allowed. Unless otherwise
30.18 provided, the amounts in this section are
30.19 available for three years beginning July 1,
30.20 2022, and ending June 30, 2025, when projects
30.21 must be completed and final products
30.22 delivered. For acquisition of real property, the
30.23 appropriations in this section are available for
30.24 an additional fiscal year if a binding contract
30.25 for acquisition of the real property is entered
30.26 into before the expiration date of the
30.27 appropriation. If a project receives a federal
30.28 award, the period of the appropriation is
30.29 extended to equal the federal award period to
30.30 a maximum trust fund appropriation length of
30.31 six years.

30.32 **Subd. 13. Data Availability Requirements Data**

30.33 Data collected by the projects funded under
30.34 this section must conform to guidelines and
30.35 standards adopted by Minnesota IT Services.

31.1 Spatial data must also conform to additional
31.2 guidelines and standards designed to support
31.3 data coordination and distribution that have
31.4 been published by the Minnesota Geospatial
31.5 Information Office. Descriptions of spatial
31.6 data must be prepared as specified in the state's
31.7 geographic metadata guideline and must be
31.8 submitted to the Minnesota Geospatial
31.9 Information Office. All data must be
31.10 accessible and free to the public unless made
31.11 private under the Data Practices Act,
31.12 Minnesota Statutes, chapter 13. To the extent
31.13 practicable, summary data and results of
31.14 projects funded under this section should be
31.15 readily accessible on the Internet and
31.16 identified as having received funding from the
31.17 environment and natural resources trust fund.

31.18 **Subd. 14. Project Requirements**

31.19 (a) Except as provided in subdivision 10,
31.20 paragraph (u), as a condition of accepting an
31.21 appropriation under this section, an agency or
31.22 entity receiving an appropriation or a party to
31.23 an agreement from an appropriation must
31.24 comply with paragraphs (b) to (l) and
31.25 Minnesota Statutes, chapter 116P, and must
31.26 submit a work plan and annual or semiannual
31.27 progress reports in the form determined by the
31.28 Legislative-Citizen Commission on Minnesota
31.29 Resources for any project funded in whole or
31.30 in part with funds from the appropriation.
31.31 Modifications to the approved work plan and
31.32 budget expenditures must be made through
31.33 the amendment process established by the
31.34 Legislative-Citizen Commission on Minnesota
31.35 Resources.

32.1 (b) A recipient of money appropriated in this
32.2 section that conducts a restoration using funds
32.3 appropriated in this section must use native
32.4 plant species according to the Board of Water
32.5 and Soil Resources' native vegetation
32.6 establishment and enhancement guidelines
32.7 and include an appropriate diversity of native
32.8 species selected to provide habitat for
32.9 pollinators throughout the growing season as
32.10 required under Minnesota Statutes, section
32.11 84.973.

32.12 (c) For all restorations conducted with money
32.13 appropriated under this section, a recipient
32.14 must prepare an ecological restoration and
32.15 management plan that, to the degree
32.16 practicable, is consistent with the
32.17 highest-quality conservation and ecological
32.18 goals for the restoration site. Consideration
32.19 should be given to soil, geology, topography,
32.20 and other relevant factors that would provide
32.21 the best chance for long-term success and
32.22 durability of the restoration project. The plan
32.23 must include the proposed timetable for
32.24 implementing the restoration, including site
32.25 preparation, establishment of diverse plant
32.26 species, maintenance, and additional
32.27 enhancement to establish the restoration;
32.28 identify long-term maintenance and
32.29 management needs of the restoration and how
32.30 the maintenance, management, and
32.31 enhancement will be financed; and take
32.32 advantage of the best-available science and
32.33 include innovative techniques to achieve the
32.34 best restoration.

- 33.1 (d) An entity receiving an appropriation in this
33.2 section for restoration activities must provide
33.3 an initial restoration evaluation at the
33.4 completion of the appropriation and an
33.5 evaluation three years after the completion of
33.6 the expenditure. Restorations must be
33.7 evaluated relative to the stated goals and
33.8 standards in the restoration plan, current
33.9 science, and, when applicable, the Board of
33.10 Water and Soil Resources' native vegetation
33.11 establishment and enhancement guidelines.
33.12 The evaluation must determine whether the
33.13 restorations are meeting planned goals,
33.14 identify any problems with implementing the
33.15 restorations, and, if necessary, give
33.16 recommendations on improving restorations.
33.17 The evaluation must be focused on improving
33.18 future restorations.
- 33.19 (e) All restoration and enhancement projects
33.20 funded with money appropriated in this section
33.21 must be on land permanently protected by a
33.22 conservation easement or public ownership.
- 33.23 (f) A recipient of money from an appropriation
33.24 under this section must give consideration to
33.25 contracting with Conservation Corps
33.26 Minnesota for contract restoration and
33.27 enhancement services.
- 33.28 (g) All conservation easements acquired with
33.29 money appropriated under this section must:
- 33.30 (1) be permanent;
33.31 (2) specify the parties to an easement in the
33.32 easement;
33.33 (3) specify all provisions of an agreement that
33.34 are permanent;

- 34.1 (4) be sent to the Legislative-Citizen
34.2 Commission on Minnesota Resources in an
34.3 electronic format at least ten business days
34.4 before closing;
- 34.5 (5) include a long-term monitoring and
34.6 enforcement plan and funding for monitoring
34.7 and enforcing the easement agreement; and
- 34.8 (6) include requirements in the easement
34.9 document to protect the quantity and quality
34.10 of groundwater and surface water through
34.11 specific activities such as keeping water on
34.12 the landscape, reducing nutrient and
34.13 contaminant loading, and not permitting
34.14 artificial hydrological modifications.
- 34.15 (h) For any acquisition of lands or interest in
34.16 lands, a recipient of money appropriated under
34.17 this section must not agree to pay more than
34.18 100 percent of the appraised value for a parcel
34.19 of land using this money to complete the
34.20 purchase, in part or in whole, except that up
34.21 to ten percent above the appraised value may
34.22 be allowed to complete the purchase, in part
34.23 or in whole, using this money if permission is
34.24 received in advance of the purchase from the
34.25 Legislative-Citizen Commission on Minnesota
34.26 Resources.
- 34.27 (i) For any acquisition of land or interest in
34.28 land, a recipient of money appropriated under
34.29 this section must give priority to high-quality
34.30 natural resources or conservation lands that
34.31 provide natural buffers to water resources.
- 34.32 (j) For new lands acquired with money
34.33 appropriated under this section, a recipient
34.34 must prepare an ecological restoration and

35.1 management plan in compliance with
35.2 paragraph (c), including sufficient funding for
35.3 implementation unless the work plan addresses
35.4 why a portion of the money is not necessary
35.5 to achieve a high-quality restoration.

35.6 (k) To ensure public accountability for using
35.7 public funds, a recipient of money
35.8 appropriated under this section must, within
35.9 60 days of the transaction, provide to the
35.10 Legislative-Citizen Commission on Minnesota
35.11 Resources documentation of the selection
35.12 process used to identify parcels acquired and
35.13 provide documentation of all related
35.14 transaction costs, including but not limited to
35.15 appraisals, legal fees, recording fees,
35.16 commissions, other similar costs, and
35.17 donations. This information must be provided
35.18 for all parties involved in the transaction. The
35.19 recipient must also report to the
35.20 Legislative-Citizen Commission on Minnesota
35.21 Resources any difference between the
35.22 acquisition amount paid to the seller and the
35.23 state-certified or state-reviewed appraisal, if
35.24 a state-certified or state-reviewed appraisal
35.25 was conducted.

35.26 (l) A recipient of an appropriation from the
35.27 trust fund under this section must acknowledge
35.28 financial support from the environment and
35.29 natural resources trust fund in project
35.30 publications, signage, and other public
35.31 communications and outreach related to work
35.32 completed using the appropriation.
35.33 Acknowledgment may occur, as appropriate,
35.34 through use of the trust fund logo or inclusion
35.35 of language attributing support from the trust

36.1 fund. Each direct recipient of money
36.2 appropriated in this section, as well as each
36.3 recipient of a grant awarded pursuant to this
36.4 section, must satisfy all reporting and other
36.5 requirements incumbent upon constitutionally
36.6 dedicated funding recipients as provided in
36.7 Minnesota Statutes, section 3.303, subdivision
36.8 10, and chapter 116P.

36.9 (m) A recipient of an appropriation from the
36.10 trust fund under this section that is receiving
36.11 funding to conduct children's services, as
36.12 defined in Minnesota Statutes, section
36.13 299C.61, subdivision 7, must certify to the
36.14 Legislative-Citizen Commission on Minnesota
36.15 Resources, as part of the required work plan,
36.16 that criminal background checks for
36.17 background check crimes, as defined in
36.18 Minnesota Statutes, section 299C.61,
36.19 subdivision 2, are performed on all employees,
36.20 contractors, and volunteers that have or may
36.21 have access to a child to whom the recipient
36.22 provides children's services using the
36.23 appropriation.

36.24 **Subd. 15. Payment Conditions and Capital**
36.25 **Equipment Expenditures**

36.26 (a) All agreements, grants, or contracts
36.27 referred to in this section must be administered
36.28 on a reimbursement basis unless otherwise
36.29 provided in this section. Notwithstanding
36.30 Minnesota Statutes, section 16A.41,
36.31 expenditures made on or after July 1, 2022,
36.32 or the date the work plan is approved,
36.33 whichever is later, are eligible for
36.34 reimbursement unless otherwise provided in
36.35 this section. Periodic payments must be made

37.1 upon receiving documentation that the
37.2 deliverable items articulated in the approved
37.3 work plan have been achieved, including
37.4 partial achievements as evidenced by approved
37.5 progress reports. Reasonable amounts may be
37.6 advanced to projects to accommodate
37.7 cash-flow needs or match federal money. The
37.8 advances must be approved as part of the work
37.9 plan. No expenditures for capital equipment
37.10 are allowed unless expressly authorized in the
37.11 project work plan.

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

37.14 **Subd. 16. Purchasing Recycled and Recyclable**
37.15 **Materials**

37.16 A political subdivision, public or private
37.17 corporation, or other entity that receives an
37.18 appropriation under this section must use the
37.19 appropriation in compliance with Minnesota
37.20 Statutes, section 16C.0725, regarding
37.21 purchasing recycled, repairable, and durable
37.22 materials, and Minnesota Statutes, section
37.23 16C.073, regarding purchasing and using
37.24 paper stock and printing.

37.25 **Subd. 17. Energy Conservation and Sustainable**
37.26 **Building Guidelines**

37.27 A recipient to whom an appropriation is made
37.28 under this section for a capital improvement
37.29 project must ensure that the project complies
37.30 with the applicable energy conservation and
37.31 sustainable building guidelines and standards
37.32 contained in law, including Minnesota
37.33 Statutes, sections 16B.325, 216C.19, and
37.34 216C.20, and rules adopted under those
37.35 sections. The recipient may use the energy

38.1 planning, advocacy, and State Energy Office
38.2 units of the Department of Commerce to
38.3 obtain information and technical assistance
38.4 on energy conservation and alternative-energy
38.5 development relating to planning and
38.6 constructing the capital improvement project.

38.7 **Subd. 18. Accessibility**

38.8 Structural and nonstructural facilities must
38.9 meet the design standards in the Americans
38.10 with Disabilities Act (ADA) accessibility
38.11 guidelines.

38.12 **Subd. 19. Carryforward; Extensions**

38.13 (a) The availability of the appropriation under
38.14 Laws 2019, First Special Session chapter 4,
38.15 article 2, section 2, subdivision 9, paragraph
38.16 (e), National Loon Center, is extended to June
38.17 30, 2024.

38.18 (b) The availability of the transfers for the
38.19 following projects is extended to June 30,
38.20 2024:

38.21 (1) Laws 2021, First Special Session chapter
38.22 6, article 5, section 2, subdivision 20,
38.23 paragraph (a), clause (1), for the
38.24 Unprecedented Change Threatens Minnesota's
38.25 Pristine Lakes project;

38.26 (2) Laws 2021, First Special Session chapter
38.27 6, article 5, section 2, subdivision 20,
38.28 paragraph (a), clause (2), for the Wastewater
38.29 Pond Optimization project;

38.30 (3) Laws 2021, First Special Session chapter
38.31 6, article 5, section 2, subdivision 20,
38.32 paragraph (a), clause (3), for the Applied

- 39.1 Research in State Mineral and Water
- 39.2 Resources project;
- 39.3 (4) Laws 2021, First Special Session chapter
- 39.4 6, article 5, section 2, subdivision 20,
- 39.5 paragraph (a), clause (4), for the Chloride
- 39.6 Pollution Reduction project;
- 39.7 (5) Laws 2021, First Special Session chapter
- 39.8 6, article 5, section 2, subdivision 20,
- 39.9 paragraph (a), clause (5), for the CWD Prion
- 39.10 Research in Soils project;
- 39.11 (6) Laws 2021, First Special Session chapter
- 39.12 6, article 5, section 2, subdivision 20,
- 39.13 paragraph (b), clauses (1) and (2), Lawns to
- 39.14 Legumes;
- 39.15 (7) Laws 2021, First Special Session chapter
- 39.16 6, article 5, section 2, subdivision 20,
- 39.17 paragraph (c), clauses (1) to (8), Emerging
- 39.18 Issues Account; and
- 39.19 (8) Laws 2021, First Special Session chapter
- 39.20 6, article 6, section 2, subdivision 19,
- 39.21 paragraph (a), clauses (1) to (4), for the Forest
- 39.22 Health Research, Development and
- 39.23 Demonstration project at the Natural
- 39.24 Resources Research Institute.
- 39.25 (c) Notwithstanding Minnesota Statutes,
- 39.26 section 16A.28, or any other law to the
- 39.27 contrary, the availability of any appropriation
- 39.28 or grant of money from the environment and
- 39.29 natural resources trust fund that would
- 39.30 otherwise cancel, lapse, or expire on June 30,
- 39.31 2022, is extended to June 30, 2023, if the
- 39.32 recipient or grantee:
- 39.33 (1) by May 15, 2022, notifies the
- 39.34 Legislative-Citizen Commission on Minnesota

40.1 Resources in the manner specified by the
40.2 commission that the recipient or grantee
40.3 intends to avail itself of the extension available
40.4 under this subdivision; and

40.5 (2) modifies the applicable work plan where
40.6 required by Minnesota Statutes, section
40.7 116P.05, subdivision 2, in accordance with
40.8 the work plan amendment procedures adopted
40.9 under that section.

40.10 (d) The commission must notify the
40.11 commissioner of management and budget and
40.12 the commissioner of natural resources of any
40.13 extension granted under paragraph (c).

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

40.15 Sec. 3. Minnesota Statutes 2020, section 116P.08, subdivision 2, is amended to read:

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

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

40.19 (2) purposes of municipal water pollution control in municipalities with a population of
40.20 5,000 or more under the authority of chapters 115 and 116;

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

40.22 (4) hazardous waste disposal facilities;

40.23 (5) solid waste disposal facilities; ~~or~~

40.24 (6) projects or purposes inconsistent with the strategic plan; or

40.25 (7) acquiring property by eminent domain, unless the owner requests that the owner's
40.26 property be acquired by eminent domain.

40.27 Sec. 4. Minnesota Statutes 2020, section 116P.15, is amended by adding a subdivision to
40.28 read:

40.29 Subd. 3. **County approval required for fee title acquisitions.** Notwithstanding any
40.30 provision of this chapter to the contrary, money appropriated from the trust fund may not

41.1 be used to acquire fee title to property unless each county in which part or all of the land
41.2 resides approves the acquisition. A copy of each county approval must be filed with the
41.3 Legislative-Citizen Commission on Minnesota Resources within 15 days of adoption.

41.4 **Sec. 5. [116P.21] CAPITAL PROJECT PROPOSAL REQUIREMENTS.**

41.5 (a) A proposal requesting money from the trust fund for a capital project must include
41.6 the following information:

41.7 (1) the name of the entity that will own the capital for which the money is being requested;

41.8 (2) the extent to which the entity has or expects to provide local, private, user financing,
41.9 or other funding for the project and whether the project will require new or additional state
41.10 funding; and

41.11 (3) documentation showing that the entity requesting the project and, if applicable, its
41.12 fiscal agent, have passed a resolution in support of the project.

41.13 (b) A proposal requesting at least \$750,000 from the trust fund for construction costs
41.14 that requires predesign under section 16B.335 must be accompanied by a statement that the
41.15 required predesign has been completed and submitted to the commissioner of administration
41.16 for review and approval. For purposes of this paragraph, construction costs include predesign,
41.17 design, and construction management costs.

41.18 Sec. 6. Laws 2017, chapter 96, section 2, subdivision 9, as amended by Laws 2019, First
41.19 Special Session chapter 4, article 2, section 4, and Laws 2021, First Special Session chapter
41.20 6, article 5, section 3, is amended to read:

41.21 **Subd. 9. Land Acquisition,**
41.22 **Habitat, and Recreation**

999,000

13,533,000

-0-

41.23 **(a) Metropolitan Regional Parks System Land**
41.24 **Acquisition**

41.25 \$1,500,000 the first year is from the trust fund
41.26 to the Metropolitan Council for grants to
41.27 acquire approximately 70 acres of land within
41.28 the approved park boundaries of the
41.29 metropolitan regional park system. This
41.30 appropriation may not be used to purchase
41.31 habitable residential structures. A list of
41.32 proposed fee title acquisitions must be
41.33 provided as part of the required work plan.

42.1 This appropriation must be matched by at least
42.2 40 percent of nonstate money that must be
42.3 committed by December 31, 2017. This
42.4 appropriation is available until June 30, 2020,
42.5 by which time the project must be completed
42.6 and final products delivered.

42.7 **(b) Scientific and Natural Areas Acquisition and**
42.8 **Restoration, Citizen Science, and Engagement**

42.9 \$2,500,000 the first year is from the trust fund
42.10 to the commissioner of natural resources to
42.11 acquire land with high-quality native plant
42.12 communities and rare features to be
42.13 established as scientific and natural areas as
42.14 provided in Minnesota Statutes, section
42.15 86A.05, subdivision 5, restore and improve
42.16 scientific and natural areas, and provide
42.17 technical assistance and outreach, including
42.18 site steward events. At least one-third of the
42.19 appropriation must be spent on restoration
42.20 activities. A list of proposed acquisitions and
42.21 restorations must be provided as part of the
42.22 required work plan. Land acquired with this
42.23 appropriation must be sufficiently improved
42.24 to meet at least minimum management
42.25 standards, as determined by the commissioner
42.26 of natural resources. When feasible,
42.27 consideration must be given to accommodate
42.28 trails on lands acquired. This appropriation is
42.29 available until June 30, 2020, by which time
42.30 the project must be completed and final
42.31 products delivered.

42.32 **(c) Minnesota State Parks and State Trails Land**
42.33 **Acquisition**

42.34 \$1,500,000 the first year is from the trust fund
42.35 to the commissioner of natural resources to
42.36 acquire approximately 373 acres from willing

43.1 sellers for authorized state trails and critical
43.2 parcels within the statutory boundaries of state
43.3 parks. State park land acquired with this
43.4 appropriation must be sufficiently improved
43.5 to meet at least minimum management
43.6 standards, as determined by the commissioner
43.7 of natural resources. A list of proposed
43.8 acquisitions must be provided as part of the
43.9 required work plan. This appropriation is
43.10 available until June 30, 2020, by which time
43.11 the project must be completed and final
43.12 products delivered.

43.13 **(d) Minnesota State Trails Acquisition,**
43.14 **Development, and Enhancement**

43.15 \$999,000 in fiscal year 2017 and \$39,000 the
43.16 first year are from the trust fund to the
43.17 commissioner of natural resources for state
43.18 trail acquisition, development, and
43.19 enhancement in southern Minnesota. A
43.20 proposed list of trail projects on authorized
43.21 state trails must be provided as part of the
43.22 required work plan. This appropriation is
43.23 available until June 30, 2020, by which time
43.24 the project must be completed and final
43.25 products delivered.

43.26 **(e) Native Prairie Stewardship and Prairie Bank**
43.27 **Easement Acquisition**

43.28 \$2,675,000 the first year is from the trust fund
43.29 to the commissioner of natural resources to
43.30 acquire native prairie bank easements in
43.31 accordance with Minnesota Statutes, section
43.32 84.96, on approximately 250 acres, prepare
43.33 baseline property assessments, restore and
43.34 enhance native prairie sites, and provide
43.35 technical assistance to landowners. Of this
43.36 amount, up to \$132,000 may be deposited in

- 44.1 a conservation easement stewardship account.
- 44.2 Deposits into the conservation easement
- 44.3 stewardship account must be made upon
- 44.4 closing on conservation easements or at a time
- 44.5 otherwise approved in the work plan. A list of
- 44.6 proposed easement acquisitions must be
- 44.7 provided as part of the required work plan.
- 44.8 This appropriation is available until June 30,
- 44.9 2020, by which time the project must be
- 44.10 completed and final products delivered.
- 44.11 **(f) Leech Lake Acquisition**
- 44.12 \$1,500,000 the first year is from the trust fund
- 44.13 to the commissioner of natural resources for
- 44.14 an agreement with the Leech Lake Band of
- 44.15 Ojibwe to acquire approximately 45 acres,
- 44.16 including 0.67 miles of shoreline of
- 44.17 high-quality aquatic and wildlife habitat at the
- 44.18 historic meeting place between Henry
- 44.19 Schoolcraft and the Anishinabe people. The
- 44.20 land must be open to public use including
- 44.21 hunting and fishing. The band must provide a
- 44.22 commitment that land will not be put in a
- 44.23 federal trust through the Bureau of Indian
- 44.24 Affairs.
- 44.25 **(g) Mesabi Trail Development**
- 44.26 \$2,269,000 the first year is from the trust fund
- 44.27 to the commissioner of natural resources for
- 44.28 an agreement with the St. Louis and Lake
- 44.29 Counties Regional Railroad Authority for
- 44.30 engineering and constructing segments of the
- 44.31 Mesabi Trail. This appropriation is available
- 44.32 until June 30, 2020, by which time the project
- 44.33 must be completed and final products
- 44.34 delivered.

45.1 **(h) Tower Trailhead Boat Landing and Habitat**
45.2 **Improvement - Phase II**

45.3 \$600,000 the first year is from the trust fund
45.4 to the commissioner of natural resources for
45.5 an agreement with the city of Tower to
45.6 construct a trailhead, trail connection to the
45.7 Mesabi Trail, and boat landing and to restore
45.8 vegetative habitat on city-owned property.
45.9 Plant and seed materials must follow the Board
45.10 of Water and Soil Resources' native vegetation
45.11 establishment and enhancement guidelines.
45.12 This appropriation is available until June 30,
45.13 2023, by which time the project must be
45.14 completed and final products delivered.

45.15 **(i) Land Acquisition for Voyageurs National**
45.16 **Park Crane Lake Visitors Center**

45.17 \$950,000 the first year is from the trust fund
45.18 to the commissioner of natural resources for
45.19 an agreement with the town of Crane Lake, in
45.20 partnership with Voyageurs National Park and
45.21 the Department of Natural Resources, to
45.22 acquire approximately 30 acres to be used for
45.23 a visitor center and campground. Income
45.24 generated by the campground may be used to
45.25 support the facility. The town of Crane Lake
45.26 may convey interests in a common interest
45.27 community that exists on property acquired
45.28 under this paragraph to a unit owner in order
45.29 to facilitate the termination of the common
45.30 interest community. Minnesota Statutes,
45.31 sections 116P.10, paragraph (c), and 116P.15,
45.32 do not apply to a conveyance for this purpose.

45.33 **EFFECTIVE DATE.** This section is effective the day after the governing body of the
45.34 town of Crane Lake and its chief clerical officer timely complete their compliance with
45.35 Minnesota Statutes, section 645.021, subdivisions 2 and 3.

46.1 **Sec. 7. SALE OF CERTAIN PARCELS; CITY OF BUHL.**

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

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