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State of Minnesota

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HOUSE OF REPRESENTATIVES

NINETY-FIRST SESSION

H. F. No. 2032

03/04/2019 Authored by Hansen, Heintzeman, Wagenius, Theis, Ecklund and others
The bill was read for the first time and referred to the Committee on Ways and Means
04/25/2019 Adoption of Report: Placed on the General Register as Amended
Read for the Second Time

1.1 A bill for an act
1.2 relating to natural resources; appropriating money from environment and natural
1.3 resources trust fund; modifying previous appropriations; amending Minnesota
1.4 Statutes 2018, section 116P.08, subdivision 2; Laws 2015, chapter 76, section 2,
1.5 subdivision 9, as amended; Laws 2017, chapter 96, section 2, subdivision 9.

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

1.7 Section 1. APPROPRIATIONS.

1.8 The sums shown in the columns marked "Appropriations" are appropriated to the agencies
1.9 and for the purposes specified in this act. The appropriations are from the environment and
1.10 natural resources trust fund, or another named fund, and are available for the fiscal years
1.11 indicated for each purpose. The figures "2020" and "2021" used in this act mean that the
1.12 appropriations listed under them are available for the fiscal year ending June 30, 2020, or
1.13 June 30, 2021, respectively. "The first year" is fiscal year 2020. "The second year" is fiscal
1.14 year 2021. "The biennium" is fiscal years 2020 and 2021.

Table with 4 columns: 2019, 2020, 2021, and APPROPRIATIONS Available for the Year Ending June 30.

1.19 Sec. 2. MINNESOTA RESOURCES

Table with 4 columns: 2019, 2020, 2021, and -0- for Subdivision 1. Total Appropriation.

1.22 The amounts that may be spent for each
1.23 purpose are specified in the following
1.24 subdivisions. Appropriations for fiscal year
1.25 2019 are available the day following final

2.1 enactment and are available until June 30,  
 2.2 2022, unless otherwise stated in the  
 2.3 appropriation. Appropriations in the first year  
 2.4 are available for three years beginning July 1,  
 2.5 2019, unless otherwise stated in the  
 2.6 appropriation. Any unencumbered balance  
 2.7 remaining in the first year does not cancel and  
 2.8 is available for the second year or until the  
 2.9 end of the appropriation.

2.10 **Subd. 2. Definition**

2.11 "Trust fund" means the Minnesota  
 2.12 environment and natural resources trust fund  
 2.13 established under the Minnesota Constitution,  
 2.14 article XI, section 14.

2.15 **Subd. 3. Foundational**  
 2.16 **Natural Resource Data and**  
 2.17 **Information**

636,000

9,918,000

-0-

2.18 **(a) Minnesota Biological Survey**

2.19 \$1,500,000 the first year is from the trust fund  
 2.20 to the commissioner of natural resources for  
 2.21 the Minnesota biological survey to complete  
 2.22 the statewide field surveys begun in 1987 to  
 2.23 provide a foundation for conserving biological  
 2.24 diversity by systematically collecting,  
 2.25 interpreting, and delivering data on native and  
 2.26 rare species, pollinators, and native plant  
 2.27 communities throughout Minnesota. Any  
 2.28 revenues generated through the publication of  
 2.29 books or other resources created through this  
 2.30 appropriation may be reinvested as described  
 2.31 in the work plan approved by the  
 2.32 Legislative-Citizen Commission on Minnesota  
 2.33 Resources according to Minnesota Statutes,  
 2.34 section 116P.10.

2.35 **(b) Restoring Native Mussels in Streams and**  
 2.36 **Lakes**

3.1 \$500,000 the first year is from the trust fund  
3.2 to the commissioner of natural resources to  
3.3 restore native freshwater mussel assemblages,  
3.4 and the ecosystem services they provide, in  
3.5 the Mississippi, Cedar, and Cannon Rivers  
3.6 and to inform the public on mussels and  
3.7 mussel conservation. This appropriation is  
3.8 available until June 30, 2021, by which time  
3.9 the project must be completed and final  
3.10 products delivered.

3.11 **(c) Quantifying Exposure of Minnesota's**  
3.12 **Raptors to Mercury and PFAS**

3.13 \$250,000 the first year is from the trust fund  
3.14 to the commissioner of natural resources for  
3.15 an agreement with the Hawk Ridge Bird  
3.16 Observatory to quantify the exposure and  
3.17 health risk of two environmental neurotoxins  
3.18 to Minnesota raptors.

3.19 **(d) Minnesota Trumpeter Swan Migration**  
3.20 **Ecology and Conservation**

3.21 \$300,000 the first year is from the trust fund  
3.22 to the Board of Regents of the University of  
3.23 Minnesota to document the movement and  
3.24 habitat use of Minnesota trumpeter swans to  
3.25 provide foundational information necessary  
3.26 for trumpeter swan management and  
3.27 conservation. This appropriation is available  
3.28 until June 30, 2023, by which time the project  
3.29 must be completed and final products  
3.30 delivered.

3.31 **(e) Spruce Grouse as Indicators for Boreal**  
3.32 **Forest Connectivity**

3.33 \$350,000 the first year is from the trust fund  
3.34 to the Board of Regents of the University of  
3.35 Minnesota for the Raptor Center to evaluate

4.1 how to best harvest timber in the boreal forest  
4.2 to enable wildlife with small home ranges,  
4.3 such as spruce grouse, to thrive in a changing  
4.4 landscape. This appropriation is available until  
4.5 June 30, 2023, by which time the project must  
4.6 be completed and final products delivered.

4.7 **(f) Understanding Brainworm Transmission to**  
4.8 **Find Solutions for Minnesota Moose Decline**

4.9 \$400,000 the first year is from the trust fund  
4.10 to the Board of Regents of the University of  
4.11 Minnesota to identify key habitats and vectors  
4.12 of brainworm transmission between deer and  
4.13 moose that may be targeted by resource  
4.14 management to mitigate moose exposure to  
4.15 this deadly condition.

4.16 **(g) Mapping Habitat Use and Disease of Urban**  
4.17 **Carnivores**

4.18 \$500,000 the first year is from the trust fund  
4.19 to the Board of Regents of the University of  
4.20 Minnesota to map habitat use and diseases of  
4.21 urban foxes and coyotes, evaluate risks these  
4.22 animals may pose to people and pets, and  
4.23 generate information needed to reduce  
4.24 human-wildlife conflicts.

4.25 **(h) Accelerated Aggregate Resource Mapping**

4.26 \$700,000 the first year is from the trust fund  
4.27 to the commissioner of natural resources to  
4.28 map the aggregate resource potential for four  
4.29 counties and make this information available  
4.30 in print and electronic format to local units of  
4.31 government for use in planning and zoning.

4.32 **(i) Den Boxes for Fishers and Other Nesting**  
4.33 **Wildlife**

4.34 \$190,000 the first year is from the trust fund  
4.35 to the Board of Regents of the University of

5.1 Minnesota for the Natural Resources Research  
5.2 Institute in Duluth to build, install, and  
5.3 evaluate den boxes as habitat enhancement  
5.4 for fishers and other cavity-nesting wildlife in  
5.5 managed forests where a lack of large trees  
5.6 may be threatening population survival. The  
5.7 final outcome for the project must include  
5.8 guidelines and best practices for use of den  
5.9 boxes for fisher habitat.

5.10 **(j) Red-Headed Woodpeckers as Indicators of**  
5.11 **Oak Savanna Health**

5.12 \$171,000 the first year is from the trust fund  
5.13 to the Board of Regents of the University of  
5.14 Minnesota to evaluate red-headed woodpecker  
5.15 survival and habitat needs and to use this data  
5.16 to develop and disseminate a long-term oak  
5.17 savanna management plan that supports  
5.18 red-headed woodpeckers and other oak  
5.19 savanna habitat-dependent species.

5.20 **(k) Implementing Conservation Plans for Avian**  
5.21 **Species of Concern**

5.22 \$124,000 the first year is from the trust fund  
5.23 to the commissioner of natural resources for  
5.24 an agreement with the National Audubon  
5.25 Society, Minnesota office, to establish  
5.26 benchmark survey sites for implementing and  
5.27 tracking outcomes of collaborative restoration  
5.28 and enhancement activities within Important  
5.29 Bird Areas for three bird species of  
5.30 conservation concern.

5.31 **(l) Mapping Aquatic Habitats for Moose**

5.32 \$199,000 the first year is from the trust fund  
5.33 to the Board of Regents of the University of  
5.34 Minnesota to determine key water habitats  
5.35 used by moose in northern forested regions of

6.1 Minnesota, measure the effects of moose  
6.2 foraging on aquatic plant and fish diversity,  
6.3 and provide educational programming  
6.4 materials for the public.

6.5 **(m) Improving Statewide GIS Data by Restoring**  
6.6 **the Public Land Survey**

6.7 \$135,000 the first year is from the trust fund  
6.8 to the commissioner of natural resources for  
6.9 an agreement with the Minnesota Association  
6.10 of County Surveyors to conduct a pilot project  
6.11 with Grant County to remonument and certify  
6.12 the public land survey corners in Lawrence  
6.13 Township. This appropriation is available until  
6.14 June 30, 2021, by which time the project must  
6.15 be completed and final products delivered.

6.16 **(n) County Geologic Atlases - Part A, Mapping**  
6.17 **Geology**

6.18 \$2,000,000 the first year is from the trust fund  
6.19 to the Board of Regents of the University of  
6.20 Minnesota, Minnesota Geological Survey, to  
6.21 continue producing county geologic atlases to  
6.22 inform management of surface water and  
6.23 groundwater resources. This appropriation is  
6.24 to complete Part A, which focuses on the  
6.25 properties and distribution of earth materials  
6.26 to define aquifer boundaries and the  
6.27 connection of aquifers to the land surface and  
6.28 surface water resources.

6.29 **(o) County Geologic Atlases - Part B, Mapping**  
6.30 **Aquifer Hydrology**

6.31 \$2,400,000 the first year is from the trust fund  
6.32 to the commissioner of natural resources to  
6.33 continue producing county geologic atlases to  
6.34 inform management of surface water and  
6.35 groundwater resources for drinking water and

7.1 other purposes. This appropriation is for Part  
 7.2 B, which uses the geologic formations mapped  
 7.3 in Part A of the county geologic atlases to  
 7.4 characterize the potential water yields of  
 7.5 aquifers and the aquifers' sensitivity to  
 7.6 contamination.

7.7 **(p) Unlocking Science of Minnesota's Moose**  
 7.8 **Decline**

7.9 \$199,000 the first year is from the trust fund  
 7.10 to the Minnesota Zoological Garden to  
 7.11 develop educational displays, interactive  
 7.12 exhibits, and engaging online programs that  
 7.13 summarize and share scientific findings about  
 7.14 moose decline in Minnesota. This  
 7.15 appropriation is available until June 30, 2021,  
 7.16 by which time the project must be completed  
 7.17 and final products delivered.

7.18 **(q) Native Bee Survey**

7.19 \$636,000 in fiscal year 2019 is from the trust  
 7.20 fund to the commissioner of natural resources  
 7.21 to continue to assess the current status and  
 7.22 distribution of native bee pollinators in  
 7.23 Minnesota by expanding surveys into the  
 7.24 coniferous-deciduous forest region of  
 7.25 Minnesota and facilitating interagency  
 7.26 collaboration and public outreach on  
 7.27 pollinators.

7.28 **Subd. 4. Water Resources**

5,066,000

-0-

7.29 **(a) Determining Influence of Insecticides on**  
 7.30 **Algal Blooms**

7.31 \$350,000 the first year is from the trust fund  
 7.32 to the Board of Regents of the University of  
 7.33 Minnesota to quantify the occurrence of  
 7.34 neonicotinoid insecticides in Minnesota's  
 7.35 surface waters and groundwaters and assess

8.1 if the insecticides are contributing to the  
8.2 formation of algal blooms.

8.3 **(b) Benign Design: Environmental Studies**  
8.4 **Leading to Sustainable Pharmaceuticals**

8.5 \$415,000 the first year is from the trust fund  
8.6 to the Board of Regents of the University of  
8.7 Minnesota to determine how to best remove  
8.8 harmful fluorinated pharmaceuticals during  
8.9 wastewater treatment and to develop alternate  
8.10 versions of these compounds that are  
8.11 medically useful but environmentally  
8.12 harmless. This appropriation is subject to  
8.13 Minnesota Statutes, section 116P.10.

8.14 **(c) Wastewater Nutrient Reduction through**  
8.15 **Industrial Source Reduction Assistance**

8.16 \$200,000 the first year is from the trust fund  
8.17 to the Board of Regents of the University of  
8.18 Minnesota to provide technical assistance for  
8.19 industrial facilities to optimize their processes,  
8.20 reduce nutrient loads to wastewater treatment  
8.21 facilities, and improve water quality. The  
8.22 economic savings and water quality  
8.23 improvements achieved through this work  
8.24 must be documented.

8.25 **(d) Quantifying Microplastics in Minnesota's**  
8.26 **Inland Lakes**

8.27 \$200,000 the first year is from the trust fund  
8.28 to the Board of Regents of the University of  
8.29 Minnesota for the Natural Resources Research  
8.30 Institute in Duluth to quantify the amount,  
8.31 type, and source of microplastics in the water,  
8.32 sediment, and fishes of a range of Minnesota  
8.33 lakes.

8.34 **(e) Improving Nitrogen Removal in Greater**  
8.35 **Minnesota Wastewater Treatment Ponds**



9.1 \$325,000 the first year is from the trust fund  
9.2 to the Board of Regents of the University of  
9.3 Minnesota to assess cold weather nitrogen  
9.4 cycling and different aeration methods to  
9.5 improve the efficacy of Minnesota's  
9.6 underperforming wastewater treatment ponds.

9.7 **(f) Improving Drinking Water for Minnesotans**  
9.8 **through Pollution Prevention**

9.9 \$345,000 the first year is from the trust fund  
9.10 to the Board of Regents of the University of  
9.11 Minnesota to reduce exposure of Minnesotans  
9.12 to a toxic, cancer-causing chemical by  
9.13 identifying key pollutant precursor sources in  
9.14 the upper Mississippi River watershed and  
9.15 assessing options to reduce the formation of  
9.16 this chemical during drinking water treatment.

9.17 **(g) Protecting Minnesota Waters by Removing**  
9.18 **Contaminants from Wastewater**

9.19 \$250,000 the first year is from the trust fund  
9.20 to the Board of Regents of the University of  
9.21 Minnesota to develop methods for treatment  
9.22 plants to remove harmful polyfluoroalkyl  
9.23 substances and microplastics from wastewater  
9.24 before the wastewater is released to the  
9.25 environment. This appropriation is subject to  
9.26 Minnesota Statutes, section 116P.10.

9.27 **(h) Reducing Municipal Wastewater Mercury**  
9.28 **Pollution to Lake Superior**

9.29 \$250,000 the first year is from the trust fund  
9.30 to the commissioner of the Minnesota  
9.31 Pollution Control Agency to evaluate and  
9.32 summarize current technologies to help  
9.33 municipal wastewater plants in the Lake  
9.34 Superior basin save money and reduce

10.1 mercury pollution to Lake Superior and other  
10.2 Minnesota waters.

10.3 **(i) Extracting Deicing Salt from Roadside Soils**  
10.4 **with Plants**

10.5 \$360,000 the first year is from the trust fund  
10.6 to the Board of Regents of the University of  
10.7 Minnesota to collaborate with the Department  
10.8 of Transportation to evaluate potential native  
10.9 plants that can be grown on roadsides to  
10.10 adsorb and remove toxic salts accumulated  
10.11 from deicing roads and assess uses for the  
10.12 harvested material.

10.13 **(j) Transformation of Plastic Waste into Valued**  
10.14 **Resource**

10.15 \$225,000 the first year is from the trust fund  
10.16 to the Board of Regents of the University of  
10.17 Minnesota to develop technologies that use  
10.18 microbes to convert plastic waste into useful  
10.19 chemical compounds and fuels, lowering the  
10.20 likelihood that these materials end up in the  
10.21 environment. This appropriation is subject to  
10.22 Minnesota Statutes, section 116P.10.

10.23 **(k) Accelerating Perennial Crop Production to**  
10.24 **Prevent Nitrate Leaching**

10.25 \$440,000 the first year is from the trust fund  
10.26 to the commissioner of natural resources for  
10.27 an agreement with the Stearns County Soil  
10.28 and Water Conservation District to reduce  
10.29 nitrate leaching on sandy soils of central  
10.30 Minnesota by developing water-efficient  
10.31 production methods, supply chains, and  
10.32 end-use markets for three perennial crops:  
10.33 Kernza, prairie species, and alfalfa. Net  
10.34 income from the sale of products or assets  
10.35 developed or acquired through this project

11.1 may be reinvested as described in the work  
11.2 plan approved by the Legislative-Citizen  
11.3 Commission on Minnesota Resources  
11.4 according to Minnesota Statutes, section  
11.5 116P.10.

11.6 **(l) Farm-Ready Cover Crops for Protecting**  
11.7 **Water Quality**

11.8 \$741,000 the first year is from the trust fund  
11.9 to the Minnesota State Colleges and  
11.10 Universities System for Central Lakes College  
11.11 to demonstrate conservation benefits of using  
11.12 camelina and kura clover as continuous living  
11.13 cover with corn-soybean rotations and to  
11.14 develop secondary markets to increase farmer  
11.15 adoption of this practice for protecting water  
11.16 quality in vulnerable wellhead protection  
11.17 areas. This appropriation is subject to  
11.18 Minnesota Statutes, section 116P.10.

11.19 **(m) Setting Realistic Nitrate Reduction Goals in**  
11.20 **Southeast Minnesota**

11.21 \$350,000 the first year is from the trust fund  
11.22 to the Board of Regents of the University of  
11.23 Minnesota to develop advanced water-flow  
11.24 and age-dating tools to improve the ability of  
11.25 state agencies to assess how well nitrate  
11.26 reduction best management practices are  
11.27 working in southeastern Minnesota.

11.28 **(n) Mapping Unprofitable Cropland for Water**  
11.29 **and Wildlife**

11.30 \$100,000 the first year is from the trust fund  
11.31 to the Science Museum of Minnesota for the  
11.32 St. Croix Watershed Research Station to  
11.33 conduct the first statewide analysis that maps  
11.34 the extent of Minnesota's unprofitable  
11.35 cropland and estimates both the water-quality

12.1 and habitat benefits of converting these lands  
12.2 to perennial crops and vegetation. This  
12.3 appropriation is available until June 30, 2021,  
12.4 by which time the project must be completed  
12.5 and final products delivered.

12.6 **(o) Evaluating Locally Sourced Materials for**  
12.7 **Road Salt Reduction**

12.8 \$162,000 the first year is from the trust fund  
12.9 to the Board of Regents of the University of  
12.10 Minnesota for the Natural Resources Research  
12.11 Institute in Duluth to evaluate the effectiveness  
12.12 and benefits of using locally sourced wood  
12.13 chips, corncobs, and iron-bearing minerals as  
12.14 alternative abrasive materials to lower salt use  
12.15 for protecting Minnesota's water resources.

12.16 This appropriation is subject to Minnesota  
12.17 Statutes, section 116P.10. This appropriation  
12.18 is available until June 30, 2021, by which time  
12.19 the project must be completed and final  
12.20 products delivered.

12.21 **(p) Minnesota Spring Inventory Final Phase**

12.22 \$71,000 the first year is from the trust fund to  
12.23 the commissioner of natural resources to  
12.24 complete the Minnesota Spring Inventory that  
12.25 identifies, catalogs, and assists resource  
12.26 managers in monitoring, assessing, and  
12.27 protecting important and threatened statewide  
12.28 water springs. This appropriation is available  
12.29 until June 30, 2021, by which time the project  
12.30 must be completed and final products  
12.31 delivered.

12.32 **(q) Restoring Impaired Lakes through**  
12.33 **Citizen-Aided Carp Management**

12.34 \$106,000 the first year is from the trust fund  
12.35 to the commissioner of natural resources for

13.1 an agreement with the Carver County Water  
 13.2 Management Organization to quantify water  
 13.3 quality improvements and the  
 13.4 cost-effectiveness of a new citizen-aided carp  
 13.5 management method for restoring impaired  
 13.6 lakes in Minnesota.

13.7 **(r) Spring Biological Nitrate Removal to Protect**  
 13.8 **Drinking Water**

13.9 \$175,000 the first year is from the trust fund  
 13.10 to the commissioner of natural resources for  
 13.11 an agreement with the city of Fairmont to  
 13.12 build and demonstrate the effectiveness of an  
 13.13 experimental passive biological treatment  
 13.14 system to reduce nitrates that enter the city's  
 13.15 springtime water supply source.

13.16 **(s) Degrading Chlorinated Industrial**  
 13.17 **Contaminants with Bacteria**

13.18 \$1,000 the first year is from the trust fund to  
 13.19 the Board of Regents of the University of  
 13.20 Minnesota to determine the best way to  
 13.21 stimulate bacteria to more quickly and  
 13.22 completely remove industrial chlorinated  
 13.23 pollutants from contaminated sites. On the day  
 13.24 following final enactment, the following  
 13.25 amounts from unobligated appropriations to  
 13.26 the Board of Regents of the University of  
 13.27 Minnesota are transferred and added to this  
 13.28 appropriation: \$75,000 in Laws 2016, chapter  
 13.29 186, section 2, subdivision 4, paragraph (l),  
 13.30 and \$74,000 in Laws 2016, chapter 186,  
 13.31 section 2, subdivision 6, paragraph (b).

13.32 **Subd. 5. Technical**  
 13.33 **Assistance, Outreach, and**  
 13.34 **Environmental Education**

250,000

886,000

-0-

13.35 **(a) Expanding Camp Sunrise Environmental**  
 13.36 **Program**

14.1 \$237,000 the first year is from the trust fund  
14.2 to the commissioner of natural resources for  
14.3 an agreement with YouthCare Minnesota to  
14.4 expand camp opportunities to more school  
14.5 districts and implement improved hands-on  
14.6 environmental education programs for  
14.7 economically disadvantaged youth.

14.8 **(b) Connecting Students to Boundary Waters**

14.9 \$450,000 the first year is from the trust fund  
14.10 to the commissioner of natural resources for  
14.11 an agreement with Friends of the Boundary  
14.12 Waters Wilderness to connect approximately  
14.13 6,500 students to the boundary waters through  
14.14 classroom education and wilderness canoe  
14.15 experiences for diverse and underserved  
14.16 populations across Minnesota. This  
14.17 appropriation is available until June 30, 2023,  
14.18 by which time the project must be completed  
14.19 and final products delivered.

14.20 **(c) Mississippi National River and Recreation**  
14.21 **Area Forest Restoration**

14.22 \$199,000 the first year is from the trust fund  
14.23 to the commissioner of natural resources for  
14.24 an agreement with the Mississippi Park  
14.25 Connection to work with Conservation Corps  
14.26 Minnesota, local communities, and volunteers  
14.27 to address the loss of ash trees to emerald ash  
14.28 borer by planting approximately 15,000 native  
14.29 trees and plants in affected areas in the  
14.30 Mississippi National River and Recreation  
14.31 Area.

14.32 **(d) Increasing Diversity in Environmental**  
14.33 **Careers**

14.34 \$250,000 in fiscal year 2019 is from the trust  
14.35 fund to the commissioner of natural resources

15.1 in cooperation with Conservation Corps  
 15.2 Minnesota and Iowa to encourage a diversity  
 15.3 of students to pursue careers in environment  
 15.4 and natural resources through internships and  
 15.5 mentorships with the Department of Natural  
 15.6 Resources, the Board of Water and Soil  
 15.7 Resources, and the Pollution Control Agency.

15.8 This appropriation is available until June 30,  
 15.9 2024, by which time the project must be  
 15.10 completed and final products delivered.

15.11 **Subd. 6. Aquatic and**  
 15.12 **Terrestrial Invasive Species**

3,100,000

-0-

15.13 **(a) Building Knowledge and Capacity to Solve**  
 15.14 **AIS Problems**

15.15 \$3,000,000 the first year is from the trust fund  
 15.16 to the Board of Regents of the University of  
 15.17 Minnesota to support the Minnesota Aquatic  
 15.18 Invasive Species Research Center in  
 15.19 developing solutions to Minnesota's aquatic  
 15.20 invasive species problems through research,  
 15.21 control, prevention, outreach, and early  
 15.22 detection of existing and emerging aquatic  
 15.23 invasive species threats. This appropriation is  
 15.24 available until June 30, 2023, by which time  
 15.25 the project must be completed and final  
 15.26 products delivered.

15.27 **(b) Oak Wilt Suppression at its Northern Edge**

15.28 \$100,000 the first year is from the trust fund  
 15.29 to the commissioner of natural resources for  
 15.30 an agreement with Morrison Soil and Water  
 15.31 Conservation District to eradicate the  
 15.32 northern-most occurrences of oak wilt in the  
 15.33 state through mechanical means on select  
 15.34 private properties to prevent oak wilt's spread  
 15.35 to healthy state forest habitats.

16.1	<u>Subd. 7. <b>Air Quality and Renewable Energy</b></u>	<u>1,485,000</u>	<u>-0-</u>
16.2	<u>(a) <b>Development of Clean Energy Storage</b></u>		
16.3	<u><b>Systems for Farms</b></u>		
16.4	<u>\$650,000 the first year is from the trust fund</u>		
16.5	<u>to the Board of Regents of the University of</u>		
16.6	<u>Minnesota for the West Central Research and</u>		
16.7	<u>Outreach Center at Morris to develop and test</u>		
16.8	<u>novel clean energy storage systems for farms</u>		
16.9	<u>using wind-generated ammonia to displace</u>		
16.10	<u>fossil fuels and reduce greenhouse gas</u>		
16.11	<u>emissions. This appropriation is subject to</u>		
16.12	<u>Minnesota Statutes, section 116P.10.</u>		
16.13	<u>(b) <b>White Earth Nation Community Solar for</b></u>		
16.14	<u><b>Economic Resilience</b></u>		
16.15	<u>\$500,000 the first year is from the trust fund</u>		
16.16	<u>to the commissioner of natural resources for</u>		
16.17	<u>an agreement with Rural Renewable Energy</u>		
16.18	<u>Alliance to install a 200-kW White Earth</u>		
16.19	<u>community-owned solar garden to reduce</u>		
16.20	<u>greenhouse gas emissions, increase economic</u>		
16.21	<u>development through environmental education</u>		
16.22	<u>and solar workforce training, and improve</u>		
16.23	<u>energy resilience.</u>		
16.24	<u>(c) <b>Sustainable Solar Energy from Agricultural</b></u>		
16.25	<u><b>Plant By-Products</b></u>		
16.26	<u>\$185,000 the first year is from the trust fund</u>		
16.27	<u>to the Board of Regents of the University of</u>		
16.28	<u>Minnesota, Morris, to use regional plant-based</u>		
16.29	<u>agricultural by-products to fabricate solar cells</u>		
16.30	<u>for creating renewable and affordable energy.</u>		
16.31	<u>(d) <b>Morris Energy and Environment Community</b></u>		
16.32	<u><b>Resilience Plan</b></u>		
16.33	<u>\$150,000 the first year is from the trust fund</u>		
16.34	<u>to the commissioner of natural resources for</u>		
16.35	<u>an agreement with the city of Morris to</u>		



17.1 develop and begin implementing community  
 17.2 resilience plans for energy and the  
 17.3 environment and to create a model guide for  
 17.4 other Minnesota communities to create and  
 17.5 implement their own plans.

17.6 **Subd. 8. Methods to Protect or Restore Land,**  
 17.7 **Water, and Habitat**

5,233,000

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17.8 **(a) Saving Endangered Pollinators through**  
 17.9 **Data-Driven Prairie Restoration**

17.10 \$800,000 the first year is from the trust fund.  
 17.11 Of this amount, \$630,000 is to the Minnesota  
 17.12 Zoological Garden and \$170,000 is to the  
 17.13 commissioner of natural resources to  
 17.14 reestablish populations of Minnesota's  
 17.15 imperiled butterflies through reintroductions  
 17.16 and prairie restorations and by developing  
 17.17 foundational habitat recommendations for  
 17.18 preventing future extinctions. This  
 17.19 appropriation is available until June 30, 2023,  
 17.20 by which time the project must be completed  
 17.21 and final products delivered.

17.22 **(b) Promoting and Restoring Oak Savanna**  
 17.23 **Using Silvopasture**

17.24 \$750,000 the first year is from the trust fund  
 17.25 to the Board of Regents of the University of  
 17.26 Minnesota to demonstrate, evaluate, and  
 17.27 increase adoption of the combined use of  
 17.28 intensive tree, forage, and livestock  
 17.29 management as a method to restore threatened  
 17.30 oak savanna habitats.

17.31 **(c) Sauk River Dam Removal and Rock Rapids**  
 17.32 **Replacement**

17.33 \$2,768,000 the first year is from the trust fund  
 17.34 to the commissioner of natural resources for  
 17.35 an agreement with the city of Melrose to

18.1 remove an existing fixed-elevation dam,  
 18.2 construct a rock arch rapids, and conduct  
 18.3 in-stream and shoreline habitat restoration to  
 18.4 improve water quality and native fish passage  
 18.5 in the Sauk River. This project requires a  
 18.6 match of at least \$1,400,000 that must be  
 18.7 secured before trust fund money is spent. At  
 18.8 least \$700,000 of this match must come from  
 18.9 the city of Melrose. City of Melrose expenses  
 18.10 for the Sauk River dam removal and rock  
 18.11 rapids replacement incurred before July 1,  
 18.12 2019, may be counted toward the match.

18.13 **(d) Conserving and Monitoring Minnesota's**  
 18.14 **Rare Arctic Plants**

18.15 \$135,000 the first year is from the trust fund  
 18.16 to the Board of Regents of the University of  
 18.17 Minnesota to provide monitoring and invasive  
 18.18 species removal to conserve rare and  
 18.19 endangered arctic plants on Minnesota's North  
 18.20 Shore. This appropriation is available until  
 18.21 June 30, 2023, by which time the project must  
 18.22 be completed and final products delivered.

18.23 **(e) Nongame Wildlife Program Acceleration**

18.24 \$780,000 the first year is from the trust fund  
 18.25 to the commissioner of natural resources to  
 18.26 accelerate the nongame wildlife program,  
 18.27 including rare wildlife data collection, habitat  
 18.28 management, collaborative land protection,  
 18.29 conservation education, and a new emphasis  
 18.30 on promoting nature tourism to benefit  
 18.31 wildlife, visitors, and rural communities.

18.32 **Subd. 9. Land Acquisition,**  
 18.33 **Habitat, and Recreation**

1,724,000

33,661,000

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

19.1 \$3,500,000 the first year is from the trust fund  
19.2 to the commissioner of natural resources for  
19.3 the scientific and natural areas (SNA) program  
19.4 to restore and enhance wildlife habitat on  
19.5 SNAs, increase public involvement and  
19.6 outreach, and strategically acquire high-quality  
19.7 lands that meet criteria for SNAs under  
19.8 Minnesota Statutes, section 86A.05, from  
19.9 willing sellers. A list of proposed acquisitions  
19.10 and restorations is required in the work plan.

19.11 **(b) Grants for Local Parks, Trails, and Natural**  
19.12 **Areas**

19.13 \$3,000,000 the first year is from the trust fund  
19.14 to the commissioner of natural resources to  
19.15 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. The appropriation is  
19.19 for local nature-based recreation, connections  
19.20 to regional and state natural areas, and  
19.21 recreation facilities and not for athletic  
19.22 facilities such as sport fields, courts, and  
19.23 playgrounds.

19.24 **(c) Minnesota State Parks and State Trails**  
19.25 **In-Holdings**

19.26 \$1,000,000 in fiscal year 2019 and \$3,907,000  
19.27 the first year are from the trust fund to the  
19.28 commissioner of natural resources to acquire  
19.29 high-priority in-holdings from willing sellers  
19.30 within the legislatively authorized boundaries  
19.31 of state parks and trails to protect Minnesota's  
19.32 natural heritage, enhance outdoor recreational  
19.33 opportunities, and improve the efficiency of  
19.34 public land management. Priorities include  
19.35 but are not limited to Minneopa, St. Croix,  
19.36 Frontenac, and Crow Wing State Parks. A list

20.1 of proposed acquisitions is required in the  
20.2 work plan.

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

20.4 \$124,000 in fiscal year 2019 and \$8,247,000  
20.5 the first year are from the trust fund to the  
20.6 commissioner of natural resources to expand  
20.7 high-priority recreational opportunities on  
20.8 Minnesota's state trails by developing new  
20.9 trail segments and rehabilitating, improving,  
20.10 and enhancing existing state trails.

20.11 High-priority trail bridges to rehabilitate or  
20.12 replace include, but are not limited to, those  
20.13 on the Arrowhead, Central Lakes,  
20.14 Harmony-Preston Valley, Matthew Lourey,  
20.15 and North Shore State Trails. High-priority  
20.16 trail segments to develop and enhance include,  
20.17 but are not limited to, the Paul Bunyan,  
20.18 Gateway, Heartland, Gitchi Gami, and  
20.19 Minnesota Valley State Trails. A proposed list  
20.20 of trail projects on legislatively authorized  
20.21 state trails is required in the work plan. This  
20.22 appropriation is available until June 30, 2021,  
20.23 by which time the project must be completed  
20.24 and final products delivered.

20.25 **(e) National Loon Center**

20.26 \$4,000,000 the first year is from the trust fund  
20.27 to the commissioner of natural resources for  
20.28 an agreement with the National Loon Center  
20.29 Foundation, in partnership with a fiscal agent  
20.30 to be approved by the Legislative-Citizen  
20.31 Commission on Minnesota Resources, to  
20.32 construct an approximately 15,000-square-foot  
20.33 National Loon Center in Cross Lake dedicated  
20.34 to loon survival, loon habitat protection and  
20.35 research, and recreation. Of this amount, up

21.1 to \$1,449,000 is for planning, design, and  
21.2 construction of approximately six outdoor  
21.3 demonstration learning kiosks, interpretive  
21.4 trails, boardwalks and boat docks, a fishing  
21.5 dock, and native landscaping along  
21.6 approximately 3,100 feet of shoreline. Any  
21.7 remaining funds are for planning, engineering,  
21.8 and constructing the building and indoor  
21.9 exhibits. A land lease commitment of at least  
21.10 25 years and fiscal sponsorship must be  
21.11 secured before any trust fund money is spent.  
21.12 This project requires a match of at least  
21.13 \$6,000,000. At least \$2,000,000 of this match  
21.14 must come from nonstate sources. If naming  
21.15 rights will be conveyed, the National Loon  
21.16 Center Foundation must include a plan for this  
21.17 in the work plan. All matching funds must be  
21.18 legally committed before any trust fund money  
21.19 may be spent on planning activities for or  
21.20 construction of the building and indoor  
21.21 exhibits. Net income generated from  
21.22 admissions, naming rights, and memberships  
21.23 to the National Loon Center as a result of trust  
21.24 fund contributions may be reinvested in the  
21.25 center's long-term loon conservation efforts  
21.26 as described in the work plan approved by the  
21.27 Legislative-Citizen Commission on Minnesota  
21.28 Resources according to Minnesota Statutes,  
21.29 section 116P.10.

21.30 **(f) Accessible Fishing Piers**

21.31 \$320,000 the first year is from the trust fund  
21.32 to the commissioner of natural resources to  
21.33 provide accessible fishing piers in locations  
21.34 that have a high potential to serve new angling  
21.35 communities, underserved populations, and

22.1 anglers with physical disabilities. This  
22.2 appropriation is available until June 30, 2021,  
22.3 by which time the project must be completed  
22.4 and final products delivered.

22.5 **(g) Mesabi Trail Extensions**

22.6 \$3,000,000 the first year is from the trust fund  
22.7 to the commissioner of natural resources for  
22.8 an agreement with the St. Louis and Lake  
22.9 Counties Regional Railroad Authority for  
22.10 environmental assessment, permitting,  
22.11 right-of-way easements or other acquisition  
22.12 as needed, and engineering for and  
22.13 construction of four trail segments beginning  
22.14 and ending at the following approximate  
22.15 locations: Darwin Meyers Wildlife  
22.16 Management Area to County Road 21,  
22.17 Embarrass to Kugler, County Road 128 to the  
22.18 Eagles Nest Town Hall, and Wolf Creek to  
22.19 the Highway 169 underpass.

22.20 **(h) Britton Peak to Lutsen Mountain Bike Trail**

22.21 \$50,000 in fiscal year 2019 and \$300,000 the  
22.22 first year are from the trust fund to the  
22.23 commissioner of natural resources for an  
22.24 agreement with the Superior Cycling  
22.25 Association to create a sustainably designed  
22.26 single-track mountain bike trail connecting  
22.27 trail clusters and trailheads between Britton  
22.28 Peak in Tofte and Lutsen Mountains as part  
22.29 of northeast Minnesota's effort to become a  
22.30 national recreation destination. This  
22.31 appropriation is available until June 30, 2021,  
22.32 by which time the project must be completed  
22.33 and final products delivered.

22.34 **(i) Preserving Avon Hills with Reverse-Bidding**  
22.35 **Easements**

23.1 \$1,600,000 the first year is from the trust fund  
23.2 to the commissioner of natural resources for  
23.3 an agreement with Saint John's University in  
23.4 cooperation with Minnesota Land Trust to  
23.5 restore and enhance protected lands, provide  
23.6 public outreach, and prepare management  
23.7 plans for and use a reverse-bid ranking system  
23.8 to secure permanent conservation easements  
23.9 on high-quality natural habitat in the Avon  
23.10 Hills area of Stearns County. Of this amount,  
23.11 up to \$168,000 is for use by Minnesota Land  
23.12 Trust in a monitoring fund as approved in the  
23.13 work plan and subject to Minnesota Statutes,  
23.14 section 116P.20. An annual financial report is  
23.15 required for any monitoring, management, and  
23.16 enforcement fund, including expenditures from  
23.17 the fund. A proposed list of acquisitions and  
23.18 restorations must be provided in the work plan.  
23.19 This appropriation is available until June 30,  
23.20 2024, by which time the project must be  
23.21 completed and final products delivered.

23.22 **(j) Birch Lake Recreation Area Campground**

23.23 \$350,000 in fiscal year 2019 and \$350,000 the  
23.24 first year are from the trust fund to the  
23.25 commissioner of natural resources for an  
23.26 agreement with the city of Babbitt to expand  
23.27 Birch Lake Recreation Area by adding a new  
23.28 campground for recreational vehicles and tent  
23.29 campers. This project requires a match of at  
23.30 least \$2,800,000 that must be secured before  
23.31 trust fund money is spent. At least \$800,000  
23.32 of this match must come from the city of  
23.33 Babbitt. Net income generated from  
23.34 admissions to the campground created as a  
23.35 result of trust fund contributions may be

- 24.1 reinvested into the campground's long-term  
24.2 operations as described in the work plan  
24.3 approved by the Legislative-Citizen  
24.4 Commission on Minnesota Resources  
24.5 according to Minnesota Statutes, section  
24.6 116P.10.
- 24.7 **(k) Bailey Lake Trail and Fishing Pier**
- 24.8 \$550,000 the first year is from the trust fund  
24.9 to the commissioner of natural resources for  
24.10 an agreement with the city of Virginia to  
24.11 reconstruct the existing Bailey Lake Trail and  
24.12 construct a new fishing pier on Bailey Lake  
24.13 that is accessible from the trail.
- 24.14 **(l) Vergas Long Lake Trail**
- 24.15 \$290,000 the first year is from the trust fund  
24.16 to the commissioner of natural resources for  
24.17 an agreement with the city of Vergas to  
24.18 construct a bicycle and pedestrian bridge, trail,  
24.19 and floating boardwalk along Long Lake  
24.20 including shoreline restoration and  
24.21 stabilization with native plants. This  
24.22 appropriation is available until June 30, 2021,  
24.23 by which time the project must be completed  
24.24 and final products delivered.
- 24.25 **(m) Glacial Edge Trail and Downtown**  
24.26 **Pedestrian Bridge**
- 24.27 \$600,000 the first year is from the trust fund  
24.28 to the commissioner of natural resources for  
24.29 an agreement with the city of Fergus Falls to  
24.30 acquire easements for and construct a trail  
24.31 along the Otter Tail River in downtown Fergus  
24.32 Falls and a bicycle and pedestrian bridge  
24.33 crossing the river. This appropriation is  
24.34 available until June 30, 2021, by which time



25.1 the project must be completed and final  
25.2 products delivered.

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

25.4 \$400,000 the first year is from the trust fund  
25.5 to the commissioner of natural resources for  
25.6 an agreement with St. Louis County in  
25.7 cooperation with Voyageur Country ATV  
25.8 Club to designate and improve a wooded trail  
25.9 from Crane Lake to Vermilion Falls to  
25.10 accommodate all-terrain vehicle and  
25.11 snowmobile users. This appropriation is  
25.12 available until June 30, 2021, by which time  
25.13 the project must be completed and final  
25.14 products delivered.

25.15 **(o) Restoring Five Sections of Superior Hiking**  
25.16 **Trail**

25.17 \$191,000 the first year is from the trust fund  
25.18 to the commissioner of natural resources for  
25.19 an agreement with the Superior Hiking Trail  
25.20 Association to restore and repair the most  
25.21 damaged parts of five sections of the Superior  
25.22 Hiking Trail and restore an abandoned route  
25.23 to a natural footpath for hikers.

25.24 **(p) Native Prairie Bank Conservation Easements**  
25.25 **and Landowner Assistance**

25.26 \$3,406,000 the first year is from the trust fund  
25.27 to the commissioner of natural resources to  
25.28 acquire native prairie bank easements in  
25.29 accordance with Minnesota Statutes, section  
25.30 84.96; restore and enhance native prairie sites;  
25.31 and provide technical assistance to  
25.32 landowners. Of this amount, up to \$185,000  
25.33 may be deposited in a conservation easement  
25.34 stewardship account. Deposits into the  
25.35 conservation easement stewardship account

26.1 must be made upon closing on conservation  
 26.2 easements or at a time otherwise approved in  
 26.3 the work plan. A list of proposed easement  
 26.4 acquisitions must be provided as part of the  
 26.5 required work plan.

26.6 **(q) Rainy Lake Recreational Access and Boat**  
 26.7 **Wash Station**

26.8 \$200,000 in fiscal year 2019 is from the trust  
 26.9 fund to the commissioner of natural resources  
 26.10 for an agreement with the city of Ranier to  
 26.11 enhance and increase public access to Rainy  
 26.12 Lake by constructing an Americans with  
 26.13 Disabilities Act (ADA)-compliant recreational  
 26.14 parking lot, an ADA-compliant public  
 26.15 restroom, and an aquatic invasive species boat  
 26.16 wash station.

26.17 **Subd. 10. Administration and**  
 26.18 **Contract Agreement**

26.19 <b><u>Reimbursement</u></b>	<u>330,000</u>	<u>1,538,000</u>	<u>-0-</u>
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26.20 **(a) Contract Agreement Reimbursement**

26.21 \$135,000 the first year is from the trust fund  
 26.22 to the commissioner of natural resources, at  
 26.23 the direction of the Legislative-Citizen  
 26.24 Commission on Minnesota Resources, for  
 26.25 expenses incurred for preparing and  
 26.26 administering contracts for the agreements  
 26.27 specified in this section. The commissioner  
 26.28 must provide documentation to the  
 26.29 Legislative-Citizen Commission on Minnesota  
 26.30 Resources on the expenditure of these funds.  
 26.31 This appropriation is available until June 30,  
 26.32 2021, by which time the project must be  
 26.33 completed and final products delivered.

26.34 **(b) Legislative-Citizen Commission on**  
 26.35 **Minnesota Resources (LCCMR) Administration**

27.1 \$1,400,000 the first year is from the trust fund  
 27.2 to the Legislative-Citizen Commission on  
 27.3 Minnesota Resources for administration in  
 27.4 fiscal years 2020 and 2021 as provided in  
 27.5 Minnesota Statutes, section 116P.09,  
 27.6 subdivision 5.

27.7 **(c) Legislative Coordinating Commission (LCC)**  
 27.8 **Administration**

27.9 \$3,000 the first year is from the trust fund to  
 27.10 the Legislative Coordinating Commission for  
 27.11 the website required in Minnesota Statutes,  
 27.12 section 3.303, subdivision 10.

27.13 **(d) Grants Management System**

27.14 \$330,000 in fiscal year 2019 is from the trust  
 27.15 fund to the Legislative-Citizen Commission  
 27.16 on Minnesota Resources to develop, enhance,  
 27.17 and maintain a management system for project  
 27.18 records.

27.19 **Subd. 11. Wastewater Treatment**  
 27.20 **Recommendations**

500,000

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27.21 **(a) Water Infrastructure Loans**

27.22 Up to \$6,500,000 of the money in the trust  
 27.23 fund is available to the State Board of  
 27.24 Investment to invest in loans through the  
 27.25 Public Facilities Authority's clean water  
 27.26 revolving fund under Minnesota Statutes,  
 27.27 section 446A.07. Notwithstanding Minnesota  
 27.28 Statutes, section 446A.07, repayments of  
 27.29 principal and interest and any investment  
 27.30 income must be credited to the trust fund and  
 27.31 are available for reinvestment in the clean  
 27.32 water revolving fund.

27.33 **(b) Optimizing Local Mechanical and Pond**  
 27.34 **Wastewater-Treatment Plants**

28.1 \$500,000 the first year is from the trust fund  
28.2 to the commissioner of the Pollution Control  
28.3 Agency for the pilot program created under  
28.4 Laws 2018, chapter 214, article 4, section 2,  
28.5 subdivision 4, paragraph (a). This  
28.6 appropriation is available until June 30, 2021,  
28.7 by which time projects must be completed and  
28.8 final products delivered.

28.9 **Subd. 12. Availability of Appropriations**

28.10 Money appropriated in this section may not  
28.11 be spent on activities unless they are directly  
28.12 related to and necessary for a specific  
28.13 appropriation and are specified in the work  
28.14 plan approved by the Legislative-Citizen  
28.15 Commission on Minnesota Resources. Money  
28.16 appropriated in this section must not be spent  
28.17 on indirect costs or other institutional overhead  
28.18 charges that are not directly related to and  
28.19 necessary for a specific appropriation. Costs  
28.20 that are directly related to and necessary for  
28.21 an appropriation, including financial services,  
28.22 human resources, information services, rent,  
28.23 and utilities, are eligible only if the costs can  
28.24 be clearly justified and individually  
28.25 documented specific to the appropriation's  
28.26 purpose and would not be generated by the  
28.27 recipient but for receipt of the appropriation.  
28.28 No broad allocations for costs in either dollars  
28.29 or percentages are allowed. Unless otherwise  
28.30 provided, the amounts in this section are  
28.31 available until June 30, 2022, when projects  
28.32 must be completed and final products  
28.33 delivered. For acquisition of real property, the  
28.34 appropriations in this section are available for  
28.35 an additional fiscal year if a binding contract

29.1 for acquisition of the real property is entered  
29.2 into before the expiration date of the  
29.3 appropriation. If a project receives a federal  
29.4 grant, the time period of the appropriation is  
29.5 extended to equal the federal grant period.

29.6 **Subd. 13. Data Availability Requirements**

29.7 Data collected by the projects funded under  
29.8 this section must conform to guidelines and  
29.9 standards adopted by MN.IT Services. Spatial  
29.10 data must also conform to additional  
29.11 guidelines and standards designed to support  
29.12 data coordination and distribution that have  
29.13 been published by the Minnesota Geospatial  
29.14 Information Office. Descriptions of spatial  
29.15 data must be prepared as specified in the state's  
29.16 geographic metadata guideline and must be  
29.17 submitted to the Minnesota Geospatial  
29.18 Information Office. All data must be  
29.19 accessible and free to the public unless made  
29.20 private under the Data Practices Act,  
29.21 Minnesota Statutes, chapter 13. To the extent  
29.22 practicable, summary data and results of  
29.23 projects funded under this section should be  
29.24 readily accessible on the Internet and  
29.25 identified as having received funding from the  
29.26 environment and natural resources trust fund.

29.27 **Subd. 14. Project Requirements**

29.28 (a) As a condition of accepting an  
29.29 appropriation under this section, an agency or  
29.30 entity receiving an appropriation or a party to  
29.31 an agreement from an appropriation must  
29.32 comply with paragraphs (b) to (l) and  
29.33 Minnesota Statutes, chapter 116P, and must  
29.34 submit a work plan and annual or semiannual  
29.35 progress reports in the form determined by the

30.1 Legislative-Citizen Commission on Minnesota  
30.2 Resources for any project funded in whole or  
30.3 in part with funds from the appropriation.  
30.4 Modifications to the approved work plan and  
30.5 budget expenditures must be made through  
30.6 the amendment process established by the  
30.7 Legislative-Citizen Commission on Minnesota  
30.8 Resources.

30.9 (b) A recipient of money appropriated in this  
30.10 section that conducts a restoration using funds  
30.11 appropriated in this section must use native  
30.12 plant species according to the Board of Water  
30.13 and Soil Resources' native vegetation  
30.14 establishment and enhancement guidelines  
30.15 and include an appropriate diversity of native  
30.16 species selected to provide habitat for  
30.17 pollinators throughout the growing season as  
30.18 required under Minnesota Statutes, section  
30.19 84.973.

30.20 (c) For all restorations conducted with money  
30.21 appropriated under this section, a recipient  
30.22 must prepare an ecological restoration and  
30.23 management plan that, to the degree  
30.24 practicable, is consistent with the  
30.25 highest-quality conservation and ecological  
30.26 goals for the restoration site. Consideration  
30.27 should be given to soil, geology, topography,  
30.28 and other relevant factors that would provide  
30.29 the best chance for long-term success and  
30.30 durability of the restoration project. The plan  
30.31 must include the proposed timetable for  
30.32 implementing the restoration, including site  
30.33 preparation, establishment of diverse plant  
30.34 species, maintenance, and additional  
30.35 enhancement to establish the restoration;

- 31.1 identify long-term maintenance and  
31.2 management needs of the restoration and how  
31.3 the maintenance, management, and  
31.4 enhancement will be financed; and take  
31.5 advantage of the best-available science and  
31.6 include innovative techniques to achieve the  
31.7 best restoration.
- 31.8 (d) An entity receiving an appropriation in this  
31.9 section for restoration activities must provide  
31.10 an initial restoration evaluation at the  
31.11 completion of the appropriation and an  
31.12 evaluation three years after the completion of  
31.13 the expenditure. Restorations must be  
31.14 evaluated relative to the stated goals and  
31.15 standards in the restoration plan, current  
31.16 science, and, when applicable, the Board of  
31.17 Water and Soil Resources' native vegetation  
31.18 establishment and enhancement guidelines.  
31.19 The evaluation must determine whether the  
31.20 restorations are meeting planned goals,  
31.21 identify any problems with implementing the  
31.22 restorations, and, if necessary, give  
31.23 recommendations on improving restorations.  
31.24 The evaluation must be focused on improving  
31.25 future restorations.
- 31.26 (e) All restoration and enhancement projects  
31.27 funded with money appropriated in this section  
31.28 must be on land permanently protected by a  
31.29 conservation easement or public ownership.
- 31.30 (f) A recipient of money from an appropriation  
31.31 under this section must give consideration to  
31.32 contracting with Conservation Corps  
31.33 Minnesota for contract restoration and  
31.34 enhancement services.

32.1 (g) All conservation easements acquired with  
32.2 money appropriated under this section must:  
32.3 (1) be permanent;  
32.4 (2) specify the parties to an easement in the  
32.5 easement;  
32.6 (3) specify all of the provisions of an  
32.7 agreement that are permanent;  
32.8 (4) be sent to the Legislative-Citizen  
32.9 Commission on Minnesota Resources in an  
32.10 electronic format at least ten business days  
32.11 before closing;  
32.12 (5) include a long-term monitoring and  
32.13 enforcement plan and funding for monitoring  
32.14 and enforcing the easement agreement; and  
32.15 (6) include requirements in the easement  
32.16 document to protect the quantity and quality  
32.17 of groundwater and surface water through  
32.18 specific activities such as keeping water on  
32.19 the landscape, reducing nutrient and  
32.20 contaminant loading, and not permitting  
32.21 artificial hydrological modifications.  
32.22 (h) For any acquisition of lands or interest in  
32.23 lands, a recipient of money appropriated under  
32.24 this section must not agree to pay more than  
32.25 100 percent of the appraised value for a parcel  
32.26 of land using this money to complete the  
32.27 purchase, in part or in whole, except that up  
32.28 to ten percent above the appraised value may  
32.29 be allowed to complete the purchase, in part  
32.30 or in whole, using this money if permission is  
32.31 received in advance of the purchase from the  
32.32 Legislative-Citizen Commission on Minnesota  
32.33 Resources.



- 33.1 (i) For any acquisition of land or interest in  
33.2 land, a recipient of money appropriated under  
33.3 this section must give priority to high-quality  
33.4 natural resources or conservation lands that  
33.5 provide natural buffers to water resources.
- 33.6 (j) For new lands acquired with money  
33.7 appropriated under this section, a recipient  
33.8 must prepare an ecological restoration and  
33.9 management plan in compliance with  
33.10 paragraph (c), including sufficient funding for  
33.11 implementation unless the work plan addresses  
33.12 why a portion of the money is not necessary  
33.13 to achieve a high-quality restoration.
- 33.14 (k) To ensure public accountability for using  
33.15 public funds, a recipient of money  
33.16 appropriated under this section must, within  
33.17 60 days of the transaction, provide to the  
33.18 Legislative-Citizen Commission on Minnesota  
33.19 Resources documentation of the selection  
33.20 process used to identify parcels acquired and  
33.21 provide documentation of all related  
33.22 transaction costs, including but not limited to  
33.23 appraisals, legal fees, recording fees,  
33.24 commissions, other similar costs, and  
33.25 donations. This information must be provided  
33.26 for all parties involved in the transaction. The  
33.27 recipient must also report to the  
33.28 Legislative-Citizen Commission on Minnesota  
33.29 Resources any difference between the  
33.30 acquisition amount paid to the seller and the  
33.31 state-certified or state-reviewed appraisal, if  
33.32 a state-certified or state-reviewed appraisal  
33.33 was conducted.
- 33.34 (l) A recipient of an appropriation from the  
33.35 trust fund under this section must acknowledge

34.1 financial support from the environment and  
34.2 natural resources trust fund in project  
34.3 publications, signage, and other public  
34.4 communications and outreach related to work  
34.5 completed using the appropriation.  
34.6 Acknowledgment may occur, as appropriate,  
34.7 through use of the trust fund logo or inclusion  
34.8 of language attributing support from the trust  
34.9 fund. Each direct recipient of money  
34.10 appropriated in this section, as well as each  
34.11 recipient of a grant awarded pursuant to this  
34.12 section, must satisfy all reporting and other  
34.13 requirements incumbent upon constitutionally  
34.14 dedicated funding recipients as provided in  
34.15 Minnesota Statutes, section 3.303, subdivision  
34.16 10, and chapter 116P.

34.17 **Subd. 15. Payment Conditions and**  
34.18 **Capital-Equipment Expenditures**

34.19 (a) All agreements, grants, or contracts  
34.20 referred to in this section must be administered  
34.21 on a reimbursement basis unless otherwise  
34.22 provided in this section. Notwithstanding  
34.23 Minnesota Statutes, section 16A.41,  
34.24 expenditures made on or after July 1, 2019,  
34.25 or the date the work plan is approved,  
34.26 whichever is later, are eligible for  
34.27 reimbursement unless otherwise provided in  
34.28 this section. Periodic payments must be made  
34.29 upon receiving documentation that the  
34.30 deliverable items articulated in the approved  
34.31 work plan have been achieved, including  
34.32 partial achievements as evidenced by approved  
34.33 progress reports. Reasonable amounts may be  
34.34 advanced to projects to accommodate  
34.35 cash-flow needs or match federal money. The  
34.36 advances must be approved as part of the work

35.1 plan. No expenditures for capital equipment  
35.2 are allowed unless expressly authorized in the  
35.3 project work plan.

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

35.6 **Subd. 16. Purchase of Recycled and Recyclable**  
35.7 **Materials**

35.8 A political subdivision, public or private  
35.9 corporation, or other entity that receives an  
35.10 appropriation under this section must use the  
35.11 appropriation in compliance with Minnesota  
35.12 Statutes, section 16C.0725, regarding  
35.13 purchasing recycled, repairable, and durable  
35.14 materials and Minnesota Statutes, section  
35.15 16C.073, regarding purchasing and using  
35.16 paper stock and printing.

35.17 **Subd. 17. Energy Conservation and Sustainable**  
35.18 **Building Guidelines**

35.19 A recipient to whom an appropriation is made  
35.20 under this section for a capital improvement  
35.21 project must ensure that the project complies  
35.22 with the applicable energy conservation and  
35.23 sustainable building guidelines and standards  
35.24 contained in law, including Minnesota  
35.25 Statutes, sections 16B.325, 216C.19, and  
35.26 216C.20, and rules adopted under those  
35.27 sections. The recipient may use the energy  
35.28 planning, advocacy, and State Energy Office  
35.29 units of the Department of Commerce to  
35.30 obtain information and technical assistance  
35.31 on energy conservation and alternative-energy  
35.32 development relating to planning and  
35.33 constructing the capital improvement project.

36.1 Subd. 18. Accessibility

36.2 Structural and nonstructural facilities must  
36.3 meet the design standards in the Americans  
36.4 with Disabilities Act (ADA) accessibility  
36.5 guidelines.

36.6 Subd. 19. Carryforward; Extension

36.7 (a) The availability of the appropriations for  
36.8 the following projects is extended to June 30,  
36.9 2020:

36.10 (1) Laws 2014, chapter 226, section 2,  
36.11 subdivision 10, paragraph (c),  
36.12 Legislative-Citizen Commission on Minnesota  
36.13 Resources (LCCMR);

36.14 (2) Laws 2015, chapter 76, section 2,  
36.15 subdivision 3, paragraph (g), Minnesota  
36.16 Native Bee Atlas;

36.17 (3) Laws 2015, chapter 76, section 2,  
36.18 subdivision 4, paragraph (f), Southeast  
36.19 Minnesota Subsurface Drainage Impacts on  
36.20 Groundwater Recharge;

36.21 (4) Laws 2015, chapter 76, section 2,  
36.22 subdivision 10, Emerging Issues Account;

36.23 (5) Laws 2016, chapter 186, section 2,  
36.24 subdivision 3, paragraph (a), Data-Driven  
36.25 Pollinator Conservation Strategies;

36.26 (6) Laws 2016, chapter 186, section 2,  
36.27 subdivision 3, paragraph (c), Prairie Butterfly  
36.28 Conservation, Research, and Breeding - Phase  
36.29 II;

36.30 (7) Laws 2016, chapter 186, section 2,  
36.31 subdivision 4, paragraph (h), Protection of  
36.32 State's Confined Drinking Water Aquifers -  
36.33 Phase II;

- 37.1 (8) Laws 2016, chapter 186, section 2,  
37.2 subdivision 4, paragraph (r), Morrison County  
37.3 Performance Drainage and Hydrology  
37.4 Management;
- 37.5 (9) Laws 2016, chapter 186, section 2,  
37.6 subdivision 6, paragraph (c), Advancing  
37.7 Microbial Invasive Species Monitoring from  
37.8 Ballast Discharge;
- 37.9 (10) Laws 2016, chapter 186, section 2,  
37.10 subdivision 6, paragraph (e), Elimination of  
37.11 Target Invasive Plant Species - Phase II;
- 37.12 (11) Laws 2016, chapter 186, section 2,  
37.13 subdivision 8, paragraph (a), Bee Pollinator  
37.14 Habitat Enhancement - Phase II;
- 37.15 (12) Laws 2016, chapter 186, section 2,  
37.16 subdivision 8, paragraph (b), Measuring Pollen  
37.17 and Seed Dispersal for Prairie Fragment  
37.18 Connectivity;
- 37.19 (13) Laws 2016, chapter 186, section 2,  
37.20 subdivision 8, paragraph (f), Forest  
37.21 Management for Mississippi River Drinking  
37.22 Water Protection;
- 37.23 (14) Laws 2016, chapter 186, section 2,  
37.24 subdivision 9, paragraph (b), Minnesota Point  
37.25 Pine Forest Scientific and Natural Area  
37.26 Acquisition; and
- 37.27 (15) Laws 2017, chapter 96, section 2,  
37.28 subdivision 4, paragraph (a), Assessment of  
37.29 Household Chemicals and Herbicides in  
37.30 Rivers and Lakes.
- 37.31 (b) The availability of the appropriation under  
37.32 Laws 2017, chapter 96, section 2, subdivision

38.1 7, paragraph (b), Assessment of Urban Air  
 38.2 Quality, is extended to June 30, 2021.

38.3 Sec. 3. Minnesota Statutes 2018, section 116P.08, subdivision 2, is amended to read:

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

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

38.7 (2) purposes of municipal water pollution control ~~in municipalities with a population of~~  
 38.8 ~~5,000 or more~~ under the authority of chapters 115 and 116;

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

38.10 (4) hazardous waste disposal facilities;

38.11 (5) solid waste disposal facilities; or

38.12 (6) projects or purposes inconsistent with the strategic plan.

38.13 Sec. 4. Laws 2015, chapter 76, section 2, subdivision 9, as amended by Laws 2018, chapter  
 38.14 214, article 4, section 5, is amended to read:

38.15 Subd. 9. **Land Acquisition for Habitat and**  
 38.16 **Recreation**

14,190,000

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38.17 **(a) State Parks and Trails Land**  
 38.18 **Acquisitions**

38.19 \$1,500,000 the first year is from the trust fund  
 38.20 to the commissioner of natural resources to  
 38.21 acquire at least 335 acres for authorized state  
 38.22 trails and critical parcels within the statutory  
 38.23 boundaries of state parks. State park land  
 38.24 acquired with this appropriation must be  
 38.25 sufficiently improved to meet at least  
 38.26 minimum management standards, as  
 38.27 determined by the commissioner of natural  
 38.28 resources. A list of proposed acquisitions must  
 38.29 be provided as part of the required work plan.  
 38.30 This appropriation is available until June 30,

39.1 2018, by which time the project must be  
39.2 completed and final products delivered.

39.3 **(b) Metropolitan Regional Park System**

39.4 **Land Acquisition - Phase IV**

39.5 \$1,000,000 the first year is from the trust fund  
39.6 to the Metropolitan Council for grants to  
39.7 acquire ~~at least 133~~ approximately 90 acres of  
39.8 lands within the approved park unit boundaries  
39.9 of the metropolitan regional park system. This  
39.10 appropriation may not be used to purchase  
39.11 habitable residential structures. A list of  
39.12 proposed fee title and easement acquisitions  
39.13 must be provided as part of the required work  
39.14 plan. This appropriation must be matched by  
39.15 at least 40 percent of nonstate money that must  
39.16 be committed by December 31, 2015, or the  
39.17 appropriation cancels. This appropriation is  
39.18 available until June 30, 2018, by which time  
39.19 the project must be completed and final  
39.20 products delivered.

39.21 **(c) SNA Acquisition, Restoration,**

39.22 **Enhancement, and Public Engagement**

39.23 \$4,000,000 the first year is from the trust fund  
39.24 to the commissioner of natural resources to  
39.25 acquire at least 350 acres of lands with  
39.26 high-quality native plant communities and rare  
39.27 features to be established as scientific and  
39.28 natural areas as provided in Minnesota  
39.29 Statutes, section 86A.05, subdivision 5, restore  
39.30 and improve at least 550 acres of scientific  
39.31 and natural areas, and provide technical  
39.32 assistance and outreach. A list of proposed  
39.33 acquisitions must be provided as part of the  
39.34 required work plan. Land acquired with this  
39.35 appropriation must be sufficiently improved

40.1 to meet at least minimum management  
40.2 standards, as determined by the commissioner  
40.3 of natural resources. This appropriation is  
40.4 available until June 30, 2018, by which time  
40.5 the project must be completed and final  
40.6 products delivered.

40.7 **(d) Native Prairie Stewardship and Prairie**  
40.8 **Bank Easement Acquisition**

40.9 \$3,325,000 the first year is from the trust fund  
40.10 to the commissioner of natural resources to  
40.11 acquire native prairie bank easements on at  
40.12 least 675 acres, prepare baseline property  
40.13 assessments, restore and enhance at least 1,000  
40.14 acres of native prairie sites, and provide  
40.15 technical assistance to landowners. Of this  
40.16 amount, up to \$195,000 must be deposited in  
40.17 a conservation easement stewardship account.  
40.18 Deposits into the conservation easement  
40.19 stewardship account must be made upon  
40.20 closing on conservation easements or at a time  
40.21 otherwise approved in the work plan. A list of  
40.22 proposed easement acquisitions must be  
40.23 provided as part of the required work plan.  
40.24 This appropriation is available until June 30,  
40.25 2018, by which time the project must be  
40.26 completed and final products delivered.

40.27 **(e) Metro Conservation Corridors - Phase**  
40.28 **VIII Coordination, Mapping, and**  
40.29 **Conservation Easements**

40.30 \$515,000 the first year is from the trust fund  
40.31 to the commissioner of natural resources for  
40.32 an agreement with the Minnesota Land Trust  
40.33 for Phase VIII of the Metro Conservation  
40.34 Corridors partnership to provide coordination  
40.35 and mapping for the partnership and to acquire



41.1 permanent conservation easements on at least  
41.2 120 acres of strategic ecological landscapes  
41.3 to protect priority natural areas in the  
41.4 metropolitan area, as defined under Minnesota  
41.5 Statutes, section 473.121, subdivision 2, and  
41.6 portions of the surrounding counties. A list of  
41.7 proposed easement acquisitions must be  
41.8 provided as part of the required work plan.  
41.9 Land acquired with this appropriation must  
41.10 be sufficiently improved to meet at least  
41.11 minimum management standards, as  
41.12 determined by the commissioner of natural  
41.13 resources. Expenditures are limited to the  
41.14 identified project corridor areas as defined in  
41.15 the work plan. Up to \$40,000 may be used for  
41.16 coordination and mapping for the Metro  
41.17 Conservation Corridors. All conservation  
41.18 easements must be perpetual and have a  
41.19 natural resource management plan. A list of  
41.20 proposed easement acquisitions must be  
41.21 provided as part of the required work plan.  
41.22 This appropriation is available June 30, 2018,  
41.23 by which time the project must be completed  
41.24 and final products delivered.

41.25 **(f) Metro Conservation Corridors - Phase**  
41.26 **VIII Strategic Lands Protection**

41.27 \$750,000 the first year is from the trust fund  
41.28 to the commissioner of natural resources for  
41.29 an agreement with The Trust for Public Land  
41.30 for Phase VIII of the Metro Conservation  
41.31 Corridors partnership to acquire in fee at least  
41.32 35 acres of high-quality priority state and local  
41.33 natural areas in the metropolitan area, as  
41.34 defined under Minnesota Statutes, section  
41.35 473.121, subdivision 2, and portions of the

42.1 surrounding counties. A list of proposed  
42.2 acquisitions must be provided as part of the  
42.3 required work plan. Land acquired with this  
42.4 appropriation must be sufficiently improved  
42.5 to meet at least minimum management  
42.6 standards, as determined by the commissioner  
42.7 of natural resources. Expenditures are limited  
42.8 to the identified project corridor areas as  
42.9 defined in the work plan. This appropriation  
42.10 may not be used to purchase habitable  
42.11 residential structures, unless expressly  
42.12 approved in the work plan. A list of fee title  
42.13 acquisitions must be provided as part of the  
42.14 required work plan. This appropriation is  
42.15 available until June 30, 2018, by which time  
42.16 the project must be completed and final  
42.17 products delivered.

42.18 **(g) Metro Conservation Corridors - Phase**  
42.19 **VIII Priority Expansion of Minnesota**  
42.20 **Valley National Wildlife Refuge**

42.21 \$500,000 the first year is from the trust fund  
42.22 to the commissioner of natural resources for  
42.23 an agreement with the Minnesota Valley  
42.24 National Wildlife Refuge Trust, Inc. for Phase  
42.25 VIII of the Metro Conservation Corridors  
42.26 partnership to acquire in fee at least 100 acres  
42.27 of priority habitat for the Minnesota Valley  
42.28 National Wildlife Refuge in the metropolitan  
42.29 area, as defined under Minnesota Statutes,  
42.30 section 473.121, subdivision 2, and portions  
42.31 of the surrounding counties. A list of proposed  
42.32 acquisitions must be provided as part of the  
42.33 required work plan. Land acquired with this  
42.34 appropriation must be sufficiently improved  
42.35 to meet at least minimum management

43.1 standards. Expenditures are limited to the  
43.2 identified project corridor areas as defined in  
43.3 the work plan. This appropriation may not be  
43.4 used to purchase habitable residential  
43.5 structures, unless expressly approved in the  
43.6 work plan. This appropriation is available until  
43.7 June 30, 2018, by which time the project must  
43.8 be completed and final products delivered.

43.9 **(h) Metro Conservation Corridors - Phase**  
43.10 **VIII Wildlife Management Area**  
43.11 **Acquisition**

43.12 \$400,000 the first year is from the trust fund  
43.13 to the commissioner of natural resources for  
43.14 Phase VIII of the Metro Conservation  
43.15 Corridors partnership to acquire in fee at least  
43.16 82 acres along the lower reaches of the  
43.17 Vermillion River in Dakota County within the  
43.18 Gores Pool Wildlife Management Area. Land  
43.19 acquired with this appropriation must be  
43.20 sufficiently improved to meet at least  
43.21 minimum management standards. This  
43.22 appropriation may not be used to purchase  
43.23 habitable residential structures, unless  
43.24 expressly approved in the work plan. This  
43.25 appropriation is available until June 30, 2018,  
43.26 by which time the project must be completed  
43.27 and final products delivered.

43.28 **(i) Mesabi Trail Development Soudan to**  
43.29 **Ely - Phase II**

43.30 \$1,000,000 the first year is from the trust fund  
43.31 to the commissioner of natural resources for  
43.32 an agreement with the St. Louis and Lake  
43.33 Counties Regional Railroad Authority for the  
43.34 right-of-way acquisition, design, and  
43.35 construction of segments of the Mesabi Trail,

44.1 totaling approximately seven miles between  
44.2 Soudan and Ely. This appropriation is  
44.3 available until June 30, 2018, by which time  
44.4 the project must be completed and final  
44.5 products delivered.

44.6 **(j) Multi-benefit Watershed Scale**

44.7 **Conservation on North Central Lakes**

44.8 \$950,000 the first year is from the trust fund  
44.9 to the Board of Water and Soil Resources to  
44.10 secure permanent conservation easements on  
44.11 at least 480 acres of high-quality habitat in  
44.12 Crow Wing and Cass Counties. Of this  
44.13 amount, up to \$65,000 must be deposited in a  
44.14 conservation easement stewardship account;  
44.15 and \$54,000 is for an agreement with the  
44.16 Leech Lake Area Watershed Foundation in  
44.17 cooperation with Crow Wing County Soil and  
44.18 Water Conservation District and Cass County  
44.19 Soil and Water Conservation District. Deposits  
44.20 into the conservation easement stewardship  
44.21 account must be made upon closing on  
44.22 conservation easements or at a time otherwise  
44.23 approved in the work plan. A list of proposed  
44.24 easement acquisitions must be provided as  
44.25 part of the required work plan. This  
44.26 appropriation is available until June 30, 2018,  
44.27 by which time the project must be completed  
44.28 and final products delivered.

44.29 **(k) Conservation Easement Assessment and**  
44.30 **Valuation System Development**

44.31 \$250,000 the first year is from the trust fund  
44.32 to the Board of Regents of the University of  
44.33 Minnesota to assess the effectiveness of  
44.34 existing conservation easements acquired  
44.35 through state expenditures at achieving their

45.1 intended outcomes of public value and  
 45.2 ecological benefits and to develop a  
 45.3 standardized, objective conservation easement  
 45.4 valuation system for guiding future state  
 45.5 investments in conservation easements to  
 45.6 ensure the proposed environmental benefits  
 45.7 are being achieved in a cost-effective manner.  
 45.8 This appropriation is available until June 30,  
 45.9 2018, by which time the project must be  
 45.10 completed and final products delivered.

45.11 Sec. 5. Laws 2017, chapter 96, section 2, subdivision 9, is amended to read:

45.12 **Subd. 9. Land Acquisition,**  
 45.13 **Habitat, and Recreation**

999,000

13,533,000

-0-

45.14 **(a) Metropolitan Regional Parks System Land**  
 45.15 **Acquisition**

45.16 \$1,500,000 the first year is from the trust fund  
 45.17 to the Metropolitan Council for grants to  
 45.18 acquire approximately ~~197~~ 70 acres of land  
 45.19 within the approved park boundaries of the  
 45.20 metropolitan regional park system. This  
 45.21 appropriation may not be used to purchase  
 45.22 habitable residential structures. A list of  
 45.23 proposed fee title acquisitions must be  
 45.24 provided as part of the required work plan.

45.25 This appropriation must be matched by at least  
 45.26 40 percent of nonstate money that must be  
 45.27 committed by December 31, 2017. This  
 45.28 appropriation is available until June 30, 2020,  
 45.29 by which time the project must be completed  
 45.30 and final products delivered.

45.31 **(b) Scientific and Natural Areas Acquisition and**  
 45.32 **Restoration, Citizen Science, and Engagement**

45.33 \$2,500,000 the first year is from the trust fund  
 45.34 to the commissioner of natural resources to  
 45.35 acquire ~~at least 250 acres of~~ land with

46.1 high-quality native plant communities and rare  
46.2 features to be established as scientific and  
46.3 natural areas as provided in Minnesota  
46.4 Statutes, section 86A.05, subdivision 5, restore  
46.5 and improve ~~at least 1,000 acres of~~ scientific  
46.6 and natural areas, and provide technical  
46.7 assistance and outreach, including site steward  
46.8 events. At least one-third of the appropriation  
46.9 must be spent on restoration activities. A list  
46.10 of proposed acquisitions and restorations must  
46.11 be provided as part of the required work plan.  
46.12 Land acquired with this appropriation must  
46.13 be sufficiently improved to meet at least  
46.14 minimum management standards, as  
46.15 determined by the commissioner of natural  
46.16 resources. When feasible, consideration must  
46.17 be given to accommodate trails on lands  
46.18 acquired. This appropriation is available until  
46.19 June 30, 2020, by which time the project must  
46.20 be completed and final products delivered.

46.21 **(c) Minnesota State Parks and State Trails Land**  
46.22 **Acquisition**

46.23 \$1,500,000 the first year is from the trust fund  
46.24 to the commissioner of natural resources to  
46.25 acquire approximately 373 acres from willing  
46.26 sellers for authorized state trails and critical  
46.27 parcels within the statutory boundaries of state  
46.28 parks. State park land acquired with this  
46.29 appropriation must be sufficiently improved  
46.30 to meet at least minimum management  
46.31 standards, as determined by the commissioner  
46.32 of natural resources. A list of proposed  
46.33 acquisitions must be provided as part of the  
46.34 required work plan. This appropriation is  
46.35 available until June 30, 2020, by which time

47.1 the project must be completed and final  
47.2 products delivered.

47.3 **(d) Minnesota State Trails Acquisition,**  
47.4 **Development, and Enhancement**

47.5 \$999,000 in fiscal year 2017 and \$39,000 the  
47.6 first year are from the trust fund to the  
47.7 commissioner of natural resources for state  
47.8 trail acquisition, development, and  
47.9 enhancement in southern Minnesota. A  
47.10 proposed list of trail projects on authorized  
47.11 state trails must be provided as part of the  
47.12 required work plan. This appropriation is  
47.13 available until June 30, 2020, by which time  
47.14 the project must be completed and final  
47.15 products delivered.

47.16 **(e) Native Prairie Stewardship and Prairie Bank**  
47.17 **Easement Acquisition**

47.18 \$2,675,000 the first year is from the trust fund  
47.19 to the commissioner of natural resources to  
47.20 acquire native prairie bank easements in  
47.21 accordance with Minnesota Statutes, section  
47.22 84.96, on approximately ~~335~~ 250 acres,  
47.23 prepare baseline property assessments, restore  
47.24 and enhance ~~at least 570 acres~~ of native prairie  
47.25 sites, and provide technical assistance to  
47.26 landowners. Of this amount, up to \$132,000  
47.27 may be deposited in a conservation easement  
47.28 stewardship account. Deposits into the  
47.29 conservation easement stewardship account  
47.30 must be made upon closing on conservation  
47.31 easements or at a time otherwise approved in  
47.32 the work plan. A list of proposed easement  
47.33 acquisitions must be provided as part of the  
47.34 required work plan. This appropriation is  
47.35 available until June 30, 2020, by which time

48.1 the project must be completed and final  
48.2 products delivered.

48.3 **(f) Leech Lake Acquisition**

48.4 \$1,500,000 the first year is from the trust fund  
48.5 to the commissioner of natural resources for  
48.6 an agreement with the Leech Lake Band of  
48.7 Ojibwe to acquire approximately 45 acres,  
48.8 including 0.67 miles of shoreline of  
48.9 high-quality aquatic and wildlife habitat at the  
48.10 historic meeting place between Henry  
48.11 Schoolcraft and the Anishinabe people. The  
48.12 land must be open to public use including  
48.13 hunting and fishing. The band must provide a  
48.14 commitment that land will not be put in a  
48.15 federal trust through the Bureau of Indian  
48.16 Affairs.

48.17 **(g) Mesabi Trail Development**

48.18 \$2,269,000 the first year is from the trust fund  
48.19 to the commissioner of natural resources for  
48.20 an agreement with the St. Louis and Lake  
48.21 Counties Regional Railroad Authority for  
48.22 engineering and constructing segments of the  
48.23 Mesabi Trail. This appropriation is available  
48.24 until June 30, 2020, by which time the project  
48.25 must be completed and final products  
48.26 delivered.

48.27 **(h) Tower Trailhead Boat Landing and Habitat  
48.28 Improvement - Phase II**

48.29 \$600,000 the first year is from the trust fund  
48.30 to the commissioner of natural resources for  
48.31 an agreement with the city of Tower to  
48.32 construct a trailhead and boat landing and  
48.33 restore vegetative habitat on city-owned  
48.34 property. Plant and seed materials must follow  
48.35 the Board of Water and Soil Resources' native



49.1 vegetation establishment and enhancement  
49.2 guidelines. This appropriation is available until  
49.3 June 30, 2020, by which time the project must  
49.4 be completed and final products delivered.

49.5 **(i) Land Acquisition for Voyageurs National**  
49.6 **Park Crane Lake Visitors Center**

49.7 \$950,000 the first year is from the trust fund  
49.8 to the commissioner of natural resources for  
49.9 an agreement with the town of Crane Lake, in  
49.10 partnership with Voyageurs National Park and  
49.11 the Department of Natural Resources, to  
49.12 acquire approximately 30 acres to be used for  
49.13 a visitor center and campground. Income  
49.14 generated by the campground may be used to  
49.15 support the facility.

49.16 **Sec. 6. TRANSFER.**

49.17 On June 30, 2019, any unencumbered money from Laws 2017, chapter 96, section 2,  
49.18 subdivision 10, paragraph (b), is transferred to the grants management system under Laws  
49.19 2016, chapter 186, section 2, subdivision 10, paragraph (b).

49.20 **Sec. 7. EFFECTIVE DATE.**

49.21 Sections 1 to 6 are effective the day following final enactment.