

1.1 moves to amend H.F. No. 1731 as follows:

1.2 Delete everything after the enacting clause and insert:

1.3 "Section 1. CLEAN WATER FUND APPROPRIATIONS.

1.4 The sums shown in the columns marked "Appropriations" are appropriated to the agencies
1.5 and for the purposes specified in this article. The appropriations are from the clean water
1.6 fund and are available for the fiscal years indicated for allowable activities under the
1.7 Minnesota Constitution, article XI, section 15. The figures "2018" and "2019" used in this
1.8 article mean that the appropriations listed under them are available for the fiscal year ending
1.9 June 30, 2018, or June 30, 2019, respectively. "The first year" is fiscal year 2018. "The
1.10 second year" is fiscal year 2019. "The biennium" is fiscal years 2018 and 2019. The
1.11 appropriations in this article are onetime.

1.12	<u>APPROPRIATIONS</u>	
1.13	<u>Available for the Year</u>	
1.14	<u>Ending June 30</u>	
1.15	<u>2018</u>	<u>2019</u>

1.16 Sec. 2. CLEAN WATER

1.17	<u>Subdivision 1. Total Appropriation</u>	<u>\$</u>	<u>105,640,000</u>	<u>\$</u>	<u>112,499,000</u>
------	---	------------------	---------------------------	------------------	---------------------------

1.18 The amounts that may be spent for each
1.19 purpose are specified in the following sections.

1.20 Subd. 2. Availability of Appropriation

1.21 Money appropriated in this article may not be
1.22 spent on activities unless they are directly
1.23 related to and necessary for a specific
1.24 appropriation. Money appropriated in this

2.1 article must be spent in accordance with
 2.2 Minnesota Management and Budget's
 2.3 Guidance to Agencies on Legacy Fund
 2.4 Expenditure. Notwithstanding Minnesota
 2.5 Statutes, section 16A.28, and unless otherwise
 2.6 specified in this article, fiscal year 2018
 2.7 appropriations are available until June 30,
 2.8 2019, and fiscal year 2019 appropriations are
 2.9 available until June 30, 2020. If a project
 2.10 receives federal funds, the period of the
 2.11 appropriation is extended to equal the
 2.12 availability of federal funding.

2.13 **Subd. 3. Disability Access**

2.14 Where appropriate, grant recipients of clean
 2.15 water funds, in consultation with the Council
 2.16 on Disability and other appropriate
 2.17 governor-appointed disability councils, boards,
 2.18 committees, and commissions , should make
 2.19 progress toward providing greater access to
 2.20 programs, print publications, and digital media
 2.21 for people with disabilities related to the
 2.22 programs the recipient funds using
 2.23 appropriations made in this article.

2.24 **Sec. 3. DEPARTMENT OF AGRICULTURE** \$ **8,808,000** \$ **8,808,000**

2.25 (a) \$350,000 the first year and \$350,000 the
 2.26 second year are to increase monitoring for
 2.27 pesticides and pesticide degradates in surface
 2.28 water and groundwater and to use data
 2.29 collected to assess pesticide use practices.

2.30 (b) \$2,085,000 the first year and \$2,086,000
 2.31 the second year are for monitoring and
 2.32 evaluating trends in the concentration of
 2.33 nitrate in groundwater in areas vulnerable to
 2.34 groundwater degradation; promoting,

3.1 developing, and evaluating regional and
3.2 crop-specific nutrient best management
3.3 practices; assessing best management practice
3.4 adoption; education and technical support from
3.5 University of Minnesota Extension; grants to
3.6 support agricultural demonstration and
3.7 implementation activities; and other actions
3.8 to protect groundwater from degradation from
3.9 nitrate. This appropriation is available until
3.10 June 30, 2022.

3.11 (c) \$75,000 the first year and \$75,000 the
3.12 second year are for administering clean water
3.13 funds managed through the agriculture best
3.14 management practices loan program. Any
3.15 unencumbered balance at the end of the second
3.16 year shall be added to the corpus of the loan
3.17 fund.

3.18 (d) \$1,200,000 the first year and \$1,200,000
3.19 the second year are for technical assistance,
3.20 research, and demonstration projects on proper
3.21 implementation of best management practices
3.22 and more precise information on nonpoint
3.23 contributions to impaired waters and for grants
3.24 to support on-farm demonstration of
3.25 agricultural practices. This appropriation is
3.26 available until June 30, 2022.

3.27 (e) \$663,000 the first year and \$662,000 the
3.28 second year are for research to quantify and
3.29 reduce agricultural contributions to impaired
3.30 waters and for development and evaluation of
3.31 best management practices to protect and
3.32 restore water resources. This appropriation is
3.33 available until June 30, 2022.

3.34 (f) \$50,000 the first year and \$50,000 the
3.35 second year are for a research inventory

4.1 database containing water-related research
4.2 activities. Costs for information technology
4.3 development or support for this research
4.4 inventory database may be paid to the Office
4.5 of MN.IT Services. This appropriation is
4.6 available until June 30, 2022.

4.7 (g) \$2,750,000 the first year and \$2,750,000
4.8 the second year are to implement the
4.9 Minnesota agricultural water quality
4.10 certification program statewide. Funds
4.11 appropriated in this paragraph are available
4.12 until June 30, 2021.

4.13 (h) \$110,000 the first year and \$110,000 the
4.14 second year are to provide funding for a
4.15 regional irrigation water quality specialist
4.16 through University of Minnesota Extension.

4.17 (i) \$450,000 the first year and \$450,000 the
4.18 second year are for grants to the Board of
4.19 Regents of the University of Minnesota to
4.20 fund the Forever Green Agriculture Initiative
4.21 and to protect the state's natural resources
4.22 while increasing the efficiency, profitability,
4.23 and productivity of Minnesota farmers by
4.24 incorporating perennial and winter-annual
4.25 crops into existing agricultural practices. This
4.26 appropriation is available until June 30, 2022.

4.27 (j) \$1,000,000 the first year and \$1,000,000
4.28 the second year are for pesticide testing of
4.29 private wells where nitrate is detected, as part
4.30 of the Township Testing Program. This
4.31 appropriation is available until June 30, 2022.

4.32 (k) \$75,000 the first year and \$75,000 the
4.33 second year are to evaluate market
4.34 opportunities and develop markets for crops

5.1 that can be profitable for farmers and
5.2 beneficial for water quality and soil health.

5.3 (l) A portion of the funds in this section may
5.4 be used for programs to train state and local
5.5 outreach staff in the intersection between
5.6 agricultural economics and agricultural
5.7 conservation.

5.8 **Sec. 4. PUBLIC FACILITIES AUTHORITY \$ 7,625,000 \$ 9,625,000**

5.9 (a) \$7,500,000 the first year and \$9,500,000
5.10 the second year are for the point source
5.11 implementation grants program under
5.12 Minnesota Statutes, section 446A.073. This
5.13 appropriation is available until June 30, 2022.

5.14 (b) \$125,000 the first year and \$125,000 the
5.15 second year are for small community
5.16 wastewater treatment grants and loans under
5.17 Minnesota Statutes, section 446A.075. This
5.18 appropriation is available until June 30, 2022.

5.19 (c) If there are any uncommitted funds at the
5.20 end of each fiscal year under paragraph (a) or
5.21 (b), the Public Facilities Authority may
5.22 transfer the remaining funds to eligible
5.23 projects under any of the programs listed in
5.24 this section based on their priority rank on the
5.25 Pollution Control Agency's project priority
5.26 list.

5.27 **Sec. 5. POLLUTION CONTROL AGENCY \$ 27,888,000 \$ 27,887,000**

5.28 (a) \$8,275,000 the first year and \$8,275,000
5.29 the second year are for completion of needed
5.30 statewide assessments of surface water quality
5.31 and trends according to Minnesota Statutes,
5.32 chapter 114D.

6.1 (b) \$10,231,000 the first year and \$10,232,000
6.2 the second year are to develop watershed
6.3 restoration and protection strategies (WRAPS),
6.4 which include total maximum daily load
6.5 (TMDL) studies and TMDL implementation
6.6 plans for waters listed on the United States
6.7 Environmental Protection Agency approved
6.8 impaired waters list in accordance with
6.9 Minnesota Statutes, chapter 114D. The agency
6.10 shall complete an average of ten percent of
6.11 the TMDLs each year over the biennium.

6.12 (c) \$1,181,000 the first year and \$1,182,000
6.13 the second year are for groundwater
6.14 assessment, including enhancing the ambient
6.15 monitoring network, modeling, and evaluating
6.16 trends, including the reassessment of
6.17 groundwater that was assessed ten to 15 years
6.18 ago and found to be contaminated.

6.19 (d) \$838,000 the first year and \$837,000 the
6.20 second year are for implementation of the St.
6.21 Louis River System Area of Concern
6.22 Remedial Action Plan. This appropriation
6.23 must be matched at a rate of 65 percent
6.24 nonstate money to 35 percent state money.

6.25 (e) \$1,155,000 the first year and \$1,155,000
6.26 the second year are for TMDL research and
6.27 database development.

6.28 (f) \$979,000 the first year and \$978,000 the
6.29 second year are for national pollutant
6.30 discharge elimination system wastewater and
6.31 storm water TMDL implementation efforts.

6.32 (g) \$3,900,000 the first year and \$3,900,000
6.33 the second year are for enhancing the
6.34 county-level delivery systems for subsurface

7.1 sewage treatment system (SSTS) activities
7.2 necessary to implement Minnesota Statutes,
7.3 sections 115.55 and 115.56, for protection of
7.4 groundwater, including base grants for all
7.5 counties with SSTS programs and competitive
7.6 grants to counties with specific plans to
7.7 significantly reduce water pollution by
7.8 reducing the number of systems that are an
7.9 imminent threat to public health or safety or
7.10 are otherwise failing. Counties that receive
7.11 base grants must report the number of sewage
7.12 noncompliant properties upgraded through
7.13 SSTS replacement, connection to a centralized
7.14 sewer system, or other means, including
7.15 property abandonment or buy-out. Counties
7.16 also must report the number of existing SSTS
7.17 compliance inspections conducted in areas
7.18 under county jurisdiction. These required
7.19 reports are to be part of established annual
7.20 reporting for SSTS programs. Counties that
7.21 conduct SSTS inventories or those with an
7.22 ordinance in place that requires an SSTS to
7.23 be inspected as a condition of transferring
7.24 property or as a condition of obtaining a local
7.25 permit must be given priority for competitive
7.26 grants under this paragraph. Of this amount,
7.27 \$1,000,000 each year is available to counties
7.28 for grants to low-income landowners to
7.29 address systems that pose an imminent threat
7.30 to public health or safety or fail to protect
7.31 groundwater. A grant awarded under this
7.32 paragraph may not exceed \$40,000 for the
7.33 biennium. A county receiving a grant under
7.34 this paragraph must submit a report to the
7.35 agency listing the projects funded, including
7.36 an account of the expenditures.

8.1 (h) \$279,000 the first year and \$278,000 the
 8.2 second year are for accelerated implementation
 8.3 of MS4 permit requirements including
 8.4 additional technical assistance to
 8.5 municipalities experiencing difficulties
 8.6 understanding and implementing the basic
 8.7 requirements of the municipal stormwater
 8.8 program.

8.9 (i) \$1,000,000 the first year and \$1,000,000
 8.10 the second year are for grants for
 8.11 sanitary-sewer projects that are included in
 8.12 the draft or any updated Voyageurs National
 8.13 Park Clean Water Project Comprehensive Plan
 8.14 to restore the water quality of waters in
 8.15 Voyageurs National Park. Grants must be
 8.16 awarded to local government units for projects
 8.17 approved by the Voyageurs National Park
 8.18 Clean Water Joint Powers Board and must be
 8.19 matched by at least 25 percent from sources
 8.20 other than the clean water fund.

8.21 (j) \$50,000 the first year and \$50,000 the
 8.22 second year are to support activities of the
 8.23 Clean Water Council according to Minnesota
 8.24 Statutes, section 114D.30, subdivision 1.

8.25 (k) Notwithstanding Minnesota Statutes,
 8.26 section 16A.28, the appropriations in this
 8.27 section are available until June 30, 2022.

8.28 **Sec. 6. DEPARTMENT OF NATURAL**
 8.29 **RESOURCES**

\$ 10,270,000 \$ 10,270,000

8.30 (a) \$1,950,000 the first year and \$1,950,000
 8.31 the second year are for stream flow
 8.32 monitoring.

- 9.1 (b) \$1,250,000 the first year and \$1,250,000
9.2 the second year are for lake Index of
9.3 Biological Integrity (IBI) assessments.
- 9.4 (c) \$135,000 the first year and \$135,000 the
9.5 second year are for assessing mercury and
9.6 other contaminants of fish, including
9.7 monitoring to track the status of impaired
9.8 waters over time.
- 9.9 (d) \$1,985,000 the first year and \$1,985,000
9.10 the second year are for developing targeted,
9.11 science-based watershed restoration and
9.12 protection strategies.
- 9.13 (e) \$1,875,000 the first year and \$1,875,000
9.14 the second year are for water supply planning,
9.15 aquifer protection, and monitoring activities.
- 9.16 (f) \$1,000,000 the first year and \$1,000,000
9.17 the second year are for technical assistance to
9.18 support local implementation of nonpoint
9.19 source restoration and protection activities.
- 9.20 (g) \$850,000 the first year and \$850,000 the
9.21 second year are for applied research and tools,
9.22 including watershed hydrologic modeling;
9.23 maintaining and updating spatial data for
9.24 watershed boundaries, streams, and water
9.25 bodies and integrating high-resolution digital
9.26 elevation data; and assessing effectiveness of
9.27 forestry best management practices for water
9.28 quality.
- 9.29 (h) \$125,000 the first year and \$125,000 the
9.30 second year are for developing county
9.31 geologic atlases.
- 9.32 (i) \$100,000 the first year and \$100,000 the
9.33 second year are for maintenance and updates
9.34 to buffer maps and for technical guidance on

10.1 buffer map interpretation to local units of
 10.2 government for implementation of buffer
 10.3 requirements. Maps must be provided to local
 10.4 units of government and made available to
 10.5 landowners on the Department of Natural
 10.6 Resources' Web site.

10.7 (j) \$1,000,000 the first year and \$1,000,000
 10.8 the second year are to acquire permanent
 10.9 conservation easements in targeted areas to
 10.10 protect the forests and shorelands that supply
 10.11 clean water to lakes, rivers, and streams under
 10.12 Minnesota Statutes, section 84.66.

10.13 **Sec. 7. BOARD OF WATER AND SOIL**
 10.14 **RESOURCES**

\$ 45,026,000 \$ 49,392,000

10.15 (a) \$3,317,000 the first year and \$7,683,000
 10.16 the second year are for grants to local
 10.17 government units organized for managing
 10.18 water in a watershed or subwatershed that have
 10.19 multiyear plans that will result in a significant
 10.20 reduction in water pollution in a selected
 10.21 subwatershed. The grants may be used to
 10.22 implement projects that protect, enhance, and
 10.23 restore surface water quality in lakes, rivers,
 10.24 and streams, protect groundwater from
 10.25 degradation, and protect drinking water
 10.26 sources. Grant recipients must identify a
 10.27 nonstate match and may use other legacy funds
 10.28 to supplement projects funded under this
 10.29 paragraph.

10.30 (b) \$12,250,000 the first year and \$12,250,000
 10.31 the second year are for grants to protect and
 10.32 restore surface water and drinking water; to
 10.33 keep water on the land; to protect, enhance,
 10.34 and restore water quality in lakes, rivers, and
 10.35 streams; and to protect groundwater and

11.1 drinking water, including feedlot water quality
11.2 and subsurface sewage treatment system
11.3 projects and stream bank, stream channel,
11.4 shoreline restoration, and ravine stabilization
11.5 projects. The projects must use practices
11.6 demonstrated to be effective, be of long-lasting
11.7 public benefit, include a match, and be
11.8 consistent with total maximum daily load
11.9 (TMDL) implementation plans, watershed
11.10 restoration and protection strategies (WRAPS),
11.11 or local water management plans or their
11.12 equivalents. A portion of these funds may be
11.13 used to seek administrative efficiencies
11.14 through shared resources by multiple local
11.15 governmental units.

11.16 (c) \$4,000,000 the first year and \$4,000,000
11.17 the second year are for accelerated
11.18 implementation, including local resource
11.19 protection and enhancement grants and
11.20 statewide program enhancements of
11.21 supplements for technical assistance, citizen
11.22 and community outreach, compliance, and
11.23 training and certification.

11.24 (d) \$950,000 the first year and \$950,000 the
11.25 second year are to provide state oversight and
11.26 accountability, evaluate results, provide
11.27 implementation tools, and measure the value
11.28 of conservation program implementation by
11.29 local governments, including submission to
11.30 the legislature by March 1 each
11.31 even-numbered year a biennial report prepared
11.32 by the board, in consultation with the
11.33 commissioners of natural resources, health,
11.34 agriculture, and the Pollution Control Agency,
11.35 detailing the recipients, the projects funded

12.1 under this section, and the amount of pollution
12.2 reduced.

12.3 (e) \$3,400,000 the first year and \$3,400,000
12.4 the second year are to provide assistance,
12.5 oversight, and grants for supporting local
12.6 governments in implementing and complying
12.7 with riparian protection and excessive soil loss
12.8 requirements.

12.9 (f) \$6,000,000 the first year and \$6,000,000
12.10 the second year are to restore or preserve
12.11 permanent conservation on riparian buffers
12.12 adjacent to lakes, rivers, streams, and
12.13 tributaries, to keep water on the land in order
12.14 to decrease sediment, pollutant, and nutrient
12.15 transport; reduce hydrologic impacts to surface
12.16 waters; and increase infiltration for
12.17 groundwater recharge. This appropriation may
12.18 be used for restoration of riparian buffers
12.19 permanently protected by easements purchased
12.20 with this appropriation or contracts to achieve
12.21 permanent protection for riparian buffers or
12.22 stream bank restorations when the riparian
12.23 buffers have been restored. Up to \$1,920,000
12.24 is for deposit in a monitoring and enforcement
12.25 account.

12.26 (g) \$1,750,000 the first year and \$1,750,000
12.27 the second year are for permanent
12.28 conservation easements on wellhead protection
12.29 areas under Minnesota Statutes, section
12.30 103F.515, subdivision 2, paragraph (d), or for
12.31 grants to local units of government for fee title
12.32 acquisition to permanently protect
12.33 groundwater supply sources on wellhead
12.34 protection areas or for otherwise assuring
12.35 long-term protection of groundwater supply

13.1 sources as described under alternative
13.2 management tools in the Department of
13.3 Agriculture's Nitrogen Fertilizer Management
13.4 Plan, including low nitrogen cropping systems
13.5 or implementing nitrogen fertilizer best
13.6 management practices. Priority must be placed
13.7 on land that is located where the vulnerability
13.8 of the drinking water supply is designated as
13.9 high or very high by the commissioner of
13.10 health, where drinking water protection plans
13.11 have identified specific activities that will
13.12 achieve long-term protection, and on lands
13.13 with expiring Conservation Reserve Program
13.14 contracts. Up to \$105,000 is for deposit in a
13.15 monitoring and enforcement account.

13.16 (h) \$84,000 the first year and \$84,000 the
13.17 second year are for a technical evaluation
13.18 panel to conduct ten restoration evaluations
13.19 under Minnesota Statutes, section 114D.50,
13.20 subdivision 6.

13.21 (i) \$2,100,000 the first year and \$2,100,000
13.22 the second year are for assistance, oversight,
13.23 and grants to local governments to transition
13.24 local water management plans to a watershed
13.25 approach as provided for in Minnesota
13.26 Statutes, chapters 103B, 103C, 103D, and
13.27 114D.

13.28 (j) \$750,000 the first year and \$750,000 the
13.29 second year are for technical assistance and
13.30 grants for the conservation drainage program
13.31 in consultation with the Drainage Work Group,
13.32 coordinated under Minnesota Statutes, section
13.33 103B.101, subdivision 13, that includes
13.34 projects to improve multipurpose water

- 14.1 management under Minnesota Statutes, section
14.2 103E.015.
- 14.3 (k) \$9,000,000 the first year and \$9,000,000
14.4 the second year are to purchase and restore
14.5 permanent conservation sites via easements
14.6 or contracts to treat and store water on the land
14.7 for water quality improvement purposes and
14.8 related technical assistance. This work may
14.9 be done in cooperation with the United States
14.10 Department of Agriculture with a first priority
14.11 use to accomplish a conservation reserve
14.12 enhancement program, or equivalent, in the
14.13 state. Up to \$2,880,000 is for deposit in a
14.14 monitoring and enforcement account.
- 14.15 (l) \$1,000,000 the first year and \$1,000,000
14.16 the second year are to purchase permanent
14.17 conservation easements to protect lands
14.18 adjacent to public waters with good water
14.19 quality but threatened with degradation. Up
14.20 to \$60,000 is for deposit in a monitoring and
14.21 enforcement account.
- 14.22 (m) \$425,000 the first year and \$425,000 the
14.23 second year are for a program to
14.24 systematically collect data and produce
14.25 county, watershed, and statewide estimates of
14.26 soil erosion caused by water and wind along
14.27 with tracking adoption of conservation
14.28 measures, including cover crops, to address
14.29 erosion.
- 14.30 (n) The board shall contract for delivery of
14.31 services with Conservation Corps Minnesota
14.32 for restoration, maintenance, and other
14.33 activities under this section for up to \$500,000
14.34 the first year and up to \$500,000 the second
14.35 year.

15.1 (o) The board may shift grant or cost-share
 15.2 funds in this section and may adjust the
 15.3 technical and administrative assistance portion
 15.4 of the funds to leverage federal or other
 15.5 nonstate funds or to address oversight
 15.6 responsibilities or high-priority needs
 15.7 identified in local water management plans.

15.8 (p) The board shall require grantees to specify
 15.9 the outcomes that will be achieved by the
 15.10 grants prior to any grant awards.

15.11 (q) The appropriations in this section are
 15.12 available until June 30, 2022. Returned grant
 15.13 funds are available until expended and shall
 15.14 be regranted consistent with the purposes of
 15.15 this section.

15.16 **Sec. 8. DEPARTMENT OF HEALTH \$ 4,573,000 \$ 5,082,000**

15.17 (a) \$1,100,000 the first year and \$1,100,000
 15.18 the second year are for addressing public
 15.19 health concerns related to contaminants found
 15.20 in Minnesota drinking water for which no
 15.21 health-based drinking water standards exist,
 15.22 including accelerating the development of
 15.23 health risk limits and improving the capacity
 15.24 of the department's laboratory to analyze
 15.25 unregulated contaminants.

15.26 (b) \$2,523,000 the first year and \$3,032,000
 15.27 the second year are for protection of drinking
 15.28 water sources.

15.29 (c) \$250,000 the first year and \$250,000 the
 15.30 second year are for cost-share assistance to
 15.31 public and private well owners for up to 50
 15.32 percent of the cost of sealing unused wells.

16.1 (d) \$200,000 the first year and \$200,000 the
 16.2 second year are to develop and deliver
 16.3 groundwater restoration and protection
 16.4 strategies for use on a watershed scale for use
 16.5 in local water planning efforts and to provide
 16.6 resources to local governments for drinking
 16.7 water source protection activities.

16.8 (e) \$400,000 the first year and \$400,000 the
 16.9 second year are for studying the occurrence
 16.10 and magnitude of contaminants in private
 16.11 wells and developing guidance and outreach
 16.12 to reduce risks to private-well owners.

16.13 (f) \$100,000 the first year and \$100,000 the
 16.14 second year are for evaluating and addressing
 16.15 the risks from viruses in water supplies.

16.16 (g) Unless otherwise specified, the
 16.17 appropriations in this section are available
 16.18 until June 30, 2021.

16.19 **Sec. 9. METROPOLITAN COUNCIL \$ 1,435,000 \$ 1,435,000**

16.20 (a) \$1,000,000 the first year and \$1,000,000
 16.21 the second year are to implement projects that
 16.22 address emerging drinking-water supply
 16.23 threats, provide cost-effective regional
 16.24 solutions, leverage interjurisdictional
 16.25 coordination, support local implementation of
 16.26 water supply reliability projects, and prevent
 16.27 degradation of groundwater resources in the
 16.28 metropolitan area. These projects will provide
 16.29 to communities:

16.30 (1) potential solutions to leverage regional
 16.31 water use through use of surface water, storm
 16.32 water, wastewater, and groundwater;

