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State of Minnesota

HOUSE OF REPRESENTATIVES

NINETY-FIRST SESSION

H. F. No. 1928

03/04/2019 Authored by Hansen, Lillie and Dehn
The bill was read for the first time and referred to the Committee on Ways and Means

1.1 A bill for an act
1.2 relating to clean water; appropriating money from the clean water fund.

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

1.4 Section 1. CLEAN WATER FUND APPROPRIATIONS.

1.5 The sums shown in the columns marked "Appropriations" are appropriated to the agencies
1.6 and for the purposes specified in this act. The appropriations are from the clean water fund
1.7 and are available for the fiscal years indicated for allowable activities under the Minnesota
1.8 Constitution, article XI, section 15. The figures "2020" and "2021" used in this act mean
1.9 that the appropriations listed under them are available for the fiscal year ending June 30,
1.10 2020, or June 30, 2021, respectively. "The first year" is fiscal year 2020. "The second year"
1.11 is fiscal year 2021. "The biennium" is fiscal years 2020 and 2021. The appropriations in
1.12 this act are onetime.

Table with 2 columns: 2020, 2021. Header: APPROPRIATIONS Available for the Year Ending June 30

1.17 Sec. 2. CLEAN WATER

1.18 Subdivision 1. Total Appropriation \$ 134,113,000 \$ 128,596,000

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

1.21 Subd. 2. Availability of Appropriation

2.1 Money appropriated in this act may not be
 2.2 spent on activities unless they are directly
 2.3 related to and necessary for a specific
 2.4 appropriation. Money appropriated in this act
 2.5 must be spent in accordance with Minnesota
 2.6 Management and Budget's Guidance to
 2.7 Agencies on Legacy Fund Expenditure.
 2.8 Notwithstanding Minnesota Statutes, section
 2.9 16A.28, and unless otherwise specified in this
 2.10 act, fiscal year 2020 appropriations are
 2.11 available until June 30, 2021, and fiscal year
 2.12 2021 appropriations are available until June
 2.13 30, 2022. If a project receives federal funds,
 2.14 the period of the appropriation is extended to
 2.15 equal the availability of federal funding.

2.16 Subd. 3. **Disability Access**

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

2.27 Sec. 3. **DEPARTMENT OF AGRICULTURE** \$ **11,458,000** \$ **11,457,000**

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

2.33 (b) \$2,585,000 the first year and \$2,585,000
 2.34 the second year are for monitoring and

3.1 evaluating trends in the concentration of
3.2 nitrate in groundwater in areas vulnerable to
3.3 groundwater degradation; promoting,
3.4 developing, and evaluating regional and
3.5 crop-specific nutrient best management
3.6 practices; assessing best management practice
3.7 adoption; education and technical support from
3.8 University of Minnesota Extension; grants to
3.9 support agricultural demonstration and
3.10 implementation activities; and other actions
3.11 to protect groundwater from degradation from
3.12 nitrate. This appropriation is available until
3.13 June 30, 2024.

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

3.21 (d) \$1,625,000 the first year and \$1,625,000
3.22 the second year are for technical assistance,
3.23 research, and demonstration projects on proper
3.24 implementation of best management practices
3.25 and more-precise information on nonpoint
3.26 contributions to impaired waters and for grants
3.27 to support on-farm demonstration of
3.28 agricultural practices. This appropriation is
3.29 available until June 30, 2024.

3.30 (e) \$663,000 the first year and \$662,000 the
3.31 second year are for research to quantify and
3.32 reduce agricultural contributions to impaired
3.33 waters and for developing and evaluating best
3.34 management practices to protect and restore

4.1 water resources. This appropriation is
4.2 available until June 30, 2024.

4.3 (f) \$50,000 the first year and \$50,000 the
4.4 second year are for a research inventory
4.5 database containing water-related research
4.6 activities. Costs for information technology
4.7 development or support for this research
4.8 inventory database may be paid to the Office
4.9 of MN.IT Services. This appropriation is
4.10 available until June 30, 2024.

4.11 (g) \$3,000,000 the first year and \$3,000,000
4.12 the second year are to implement the
4.13 Minnesota agricultural water quality
4.14 certification program statewide. Funds
4.15 appropriated in this paragraph are available
4.16 until June 30, 2024.

4.17 (h) \$385,000 the first year and \$385,000 the
4.18 second year are to provide funding for a
4.19 regional irrigation water quality specialist
4.20 through University of Minnesota Extension,
4.21 development and statewide expansion of the
4.22 Irrigation Management Assistant tool,
4.23 irrigation education and outreach, and the
4.24 Agricultural Weather Station Network.

4.25 (i) \$1,650,000 the first year and \$1,650,000
4.26 the second year are for grants to the Board of
4.27 Regents of the University of Minnesota to
4.28 fund the Forever Green Agriculture Initiative
4.29 and to protect the state's natural resources
4.30 while increasing the efficiency, profitability,
4.31 and productivity of Minnesota farmers by
4.32 incorporating perennial and winter-annual
4.33 crops into existing agricultural practices. Of
4.34 this amount, \$1,400,000 each year is for grants
4.35 for research and establishing an Agricultural

5.1 Diversification Steering Council and Network
 5.2 and \$250,000 each year is for grants to
 5.3 implement Forever Green crops or cropping
 5.4 systems. This appropriation is available until
 5.5 June 30, 2024.

5.6 (j) \$1,000,000 the first year and \$1,000,000
 5.7 the second year are for testing private wells
 5.8 for pesticides where nitrate is detected as part
 5.9 of the township testing program. This
 5.10 appropriation is available until June 30, 2024.

5.11 (k) \$75,000 the first year and \$75,000 the
 5.12 second year are to evaluate market
 5.13 opportunities and develop markets for crops
 5.14 that can be profitable for farmers and
 5.15 beneficial for water quality and soil health.

5.16 This appropriation is available until June 30,
 5.17 2024.

5.18 (l) A portion of the money in this section may
 5.19 be used for programs to train state and local
 5.20 outreach staff in the intersection between
 5.21 agricultural economics and agricultural
 5.22 conservation.

5.23 **Sec. 4. PUBLIC FACILITIES AUTHORITY \$ 9,125,000 \$ 9,125,000**

5.24 (a) \$9,000,000 the first year and \$9,000,000
 5.25 the second year are for the point source
 5.26 implementation grants program under
 5.27 Minnesota Statutes, section 446A.073. This
 5.28 appropriation is available until June 30, 2024.

5.29 (b) \$125,000 the first year and \$125,000 the
 5.30 second year are for small community
 5.31 wastewater treatment grants and loans under
 5.32 Minnesota Statutes, section 446A.075. This
 5.33 appropriation is available until June 30, 2024.

6.1 (c) If there is any uncommitted money at the
 6.2 end of each fiscal year under paragraph (a) or
 6.3 (b), the Public Facilities Authority may
 6.4 transfer the remaining funds to eligible
 6.5 projects under any of the programs listed in
 6.6 this section according to a project's priority
 6.7 rank on the Pollution Control Agency's project
 6.8 priority list.

6.9 **Sec. 5. POLLUTION CONTROL AGENCY \$ 24,480,000 \$ 24,480,000**

6.10 (a) \$8,000,000 the first year and \$8,000,000
 6.11 the second year are for completing needed
 6.12 statewide assessments of surface water quality
 6.13 and trends according to Minnesota Statutes,
 6.14 chapter 114D.

6.15 (b) \$8,050,000 the first year and \$8,050,000
 6.16 the second year are to develop watershed
 6.17 restoration and protection strategies (WRAPS),
 6.18 which include total maximum daily load
 6.19 (TMDL) studies and TMDL implementation
 6.20 plans according to Minnesota Statutes, chapter
 6.21 114D, for waters on the impaired waters list
 6.22 approved by the United States Environmental
 6.23 Protection Agency. The agency must complete
 6.24 an average of ten percent of the TMDLs each
 6.25 year over the biennium.

6.26 (c) \$1,182,000 the first year and \$1,182,000
 6.27 the second year are for groundwater
 6.28 assessment, including enhancing the ambient
 6.29 monitoring network, modeling, evaluating
 6.30 trends, and reassessing groundwater that was
 6.31 assessed ten to 15 years ago and found to be
 6.32 contaminated.

6.33 (d) \$750,000 the first year and \$750,000 the
 6.34 second year are for implementing the St. Louis

7.1 River System Area of Concern Remedial
7.2 Action Plan.

7.3 (e) \$900,000 the first year and \$900,000 the
7.4 second year are for national pollutant
7.5 discharge elimination system wastewater and
7.6 storm water TMDL implementation efforts.

7.7 (f) \$3,938,000 the first year and \$3,938,000
7.8 the second year are for enhancing the
7.9 county-level delivery systems for subsurface
7.10 sewage treatment system (SSTS) activities
7.11 necessary to implement Minnesota Statutes,
7.12 sections 115.55 and 115.56, for protecting
7.13 groundwater, including base grants for all
7.14 counties with SSTS programs and competitive
7.15 grants to counties with specific plans to
7.16 significantly reduce water pollution by
7.17 reducing the number of systems that are an
7.18 imminent threat to public health or safety or
7.19 are otherwise failing. Counties that receive
7.20 base grants must report the number of sewage
7.21 noncompliant properties upgraded through
7.22 SSTS replacement, connection to a centralized
7.23 sewer system, or other means, including
7.24 property abandonment or buy-out. Counties
7.25 also must report the number of existing SSTS
7.26 compliance inspections conducted in areas
7.27 under county jurisdiction. These required
7.28 reports are to be part of established annual
7.29 reporting for SSTS programs. Counties that
7.30 conduct SSTS inventories or those with an
7.31 ordinance in place that requires an SSTS to
7.32 be inspected as a condition of transferring
7.33 property or as a condition of obtaining a local
7.34 permit must be given priority for competitive
7.35 grants under this paragraph. Of this amount,

8.1 \$1,500,000 each year is available to counties
8.2 for grants to low-income landowners to
8.3 address systems that pose an imminent threat
8.4 to public health or safety or fail to protect
8.5 groundwater. A grant awarded under this
8.6 paragraph may not exceed \$40,000 for the
8.7 biennium. A county receiving a grant under
8.8 this paragraph must submit a report to the
8.9 agency listing the projects funded, including
8.10 an account of the expenditures.

8.11 (g) \$225,000 the first year and \$225,000 the
8.12 second year are for accelerated implementation
8.13 of MS4 permit requirements, including
8.14 additional technical assistance to
8.15 municipalities experiencing difficulties
8.16 understanding and implementing the basic
8.17 requirements of the municipal storm water
8.18 program.

8.19 (h) \$775,000 the first year and \$775,000 the
8.20 second year are for a grant program for
8.21 sanitary sewer projects that are included in the
8.22 draft or any updated Voyageurs National Park
8.23 Clean Water Project Comprehensive Plan to
8.24 restore the water quality of waters in
8.25 Voyageurs National Park. Grants must be
8.26 awarded to local government units for projects
8.27 approved by the Voyageurs National Park
8.28 Clean Water Joint Powers Board and must be
8.29 matched by at least 25 percent from sources
8.30 other than the clean water fund.

8.31 (i) \$300,000 the first year and \$300,000 the
8.32 second year are for activities, training, and
8.33 grants that reduce chloride pollution. Of this
8.34 amount, \$100,000 each year is for grants for
8.35 upgrading or removing water-softener units.

9.1 This appropriation is available until June 30,
 9.2 2023. Any unencumbered grant balances in
 9.3 the first year do not cancel but are available
 9.4 for grants in the second year.

9.5 (j) \$110,000 the first year and \$110,000 the
 9.6 second year are to support activities of the
 9.7 Clean Water Council according to Minnesota
 9.8 Statutes, section 114D.30, subdivision 1.

9.9 (k) \$250,000 the first year and \$250,000 the
 9.10 second year are to support a public information
 9.11 campaign carried out by the Clean Water
 9.12 Council. The campaign will provide public
 9.13 education, engagement, and outreach
 9.14 throughout the state on the use of the clean
 9.15 water fund.

9.16 (l) Notwithstanding Minnesota Statutes,
 9.17 section 16A.28, the appropriations in this
 9.18 section are available until June 30, 2024.

9.19 **Sec. 6. DEPARTMENT OF NATURAL**
 9.20 **RESOURCES**

\$ 11,151,000 \$ 11,151,000

9.21 (a) \$2,200,000 the first year and \$2,200,000
 9.22 the second year are for stream flow
 9.23 monitoring.

9.24 (b) \$1,250,000 the first year and \$1,250,000
 9.25 the second year are for lake Index of
 9.26 Biological Integrity (IBI) assessments.

9.27 (c) \$135,000 the first year and \$135,000 the
 9.28 second year are for assessing mercury and
 9.29 other fish contaminants, including monitoring
 9.30 to track the status of impaired waters over
 9.31 time.

9.32 (d) \$2,016,000 the first year and \$2,016,000
 9.33 the second year are for developing targeted,

- 10.1 science-based watershed restoration and
10.2 protection strategies.
- 10.3 (e) \$2,325,000 the first year and \$2,325,000
10.4 the second year are for water-supply planning,
10.5 aquifer protection, and monitoring activities.
- 10.6 (f) \$1,200,000 the first year and \$1,200,000
10.7 the second year are for technical assistance to
10.8 support local implementation of nonpoint
10.9 source restoration and protection activities.
- 10.10 (g) \$700,000 the first year and \$700,000 the
10.11 second year are for applied research and tools,
10.12 including watershed hydrologic modeling;
10.13 maintaining and updating spatial data for
10.14 watershed boundaries, streams, and water
10.15 bodies and integrating high-resolution digital
10.16 elevation data; and assessing effectiveness of
10.17 forestry best management practices for water
10.18 quality.
- 10.19 (h) \$150,000 the first year and \$150,000 the
10.20 second year are for developing county
10.21 geologic atlases.
- 10.22 (i) \$100,000 the first year and \$100,000 the
10.23 second year are for maintenance and updates
10.24 to buffer maps and for technical guidance on
10.25 interpreting buffer maps for local units of
10.26 government implementing buffer
10.27 requirements. Maps must be provided to local
10.28 units of government and made available to
10.29 landowners on the Department of Natural
10.30 Resources' website.
- 10.31 (j) \$325,000 the first year and \$325,000 the
10.32 second year are for collection and analysis
10.33 using color infrared imagery.

11.1 (k) \$750,000 the first year and \$750,000 the
 11.2 second year are for the Minnesota forests for
 11.3 the future program under Minnesota Statutes,
 11.4 section 84.66.

11.5 **Sec. 7. BOARD OF WATER AND SOIL**
 11.6 **RESOURCES**

\$ 67,840,000 \$ 62,340,000

11.7 (a) \$14,711,000 the first year and \$14,711,000
 11.8 the second year are for performance-based
 11.9 grants with multiyear implementation plans
 11.10 to local government units. The grants may be
 11.11 used to implement projects that protect,
 11.12 enhance, and restore surface water quality in
 11.13 lakes, rivers, and streams; protect groundwater
 11.14 from degradation; and protect drinking water
 11.15 sources. Projects must be identified in a
 11.16 comprehensive watershed plan developed
 11.17 under the One Watershed, One Plan or
 11.18 metropolitan surface water management
 11.19 frameworks or groundwater plans. Grant
 11.20 recipients must identify a nonstate match and
 11.21 may use other legacy funds to supplement
 11.22 projects funded under this paragraph.

11.23 (b) \$16,300,000 the first year and \$16,300,000
 11.24 the second year are for grants to local
 11.25 government units to protect and restore surface
 11.26 water and drinking water; to keep water on
 11.27 the land; to protect, enhance, and restore water
 11.28 quality in lakes, rivers, and streams; and to
 11.29 protect groundwater and drinking water,
 11.30 including feedlot water quality and subsurface
 11.31 sewage treatment system projects and stream
 11.32 bank, stream channel, shoreline restoration,
 11.33 and ravine stabilization projects. The projects
 11.34 must use practices demonstrated to be
 11.35 effective, be of long-lasting public benefit,

12.1 include a match, and be consistent with total
12.2 maximum daily load (TMDL) implementation
12.3 plans, watershed restoration and protection
12.4 strategies (WRAPS), or local water
12.5 management plans or their equivalents. A
12.6 portion of this money may be used to seek
12.7 administrative efficiencies through shared
12.8 resources by multiple local governmental
12.9 units. Up to 20 percent of this appropriation
12.10 is available for land-treatment projects and
12.11 practices that benefit drinking water.

12.12 (c) \$6,050,000 the first year and \$6,050,000
12.13 the second year are for local resource
12.14 protection and enhancement grants and
12.15 statewide program enhancements for technical
12.16 assistance, citizen and community outreach,
12.17 compliance, and training and certification.

12.18 (d) \$1,000,000 the first year and \$1,000,000
12.19 the second year are to provide state oversight
12.20 and accountability, evaluate and communicate
12.21 results, provide implementation tools, and
12.22 measure the value of conservation program
12.23 implementation by local governments,
12.24 including submitting to the legislature by
12.25 March 1 each even-numbered year a biennial
12.26 report prepared by the board, in consultation
12.27 with the commissioners of natural resources,
12.28 health, agriculture, and the Pollution Control
12.29 Agency, detailing the recipients, the projects
12.30 funded under this section, and the amount of
12.31 pollution reduced.

12.32 (e) \$2,500,000 the first year and \$2,500,000
12.33 the second year are to provide assistance,
12.34 oversight, and grants for supporting local
12.35 governments in implementing and complying

- 13.1 with riparian protection and excessive soil loss
13.2 requirements.
- 13.3 (f) \$4,875,000 the first year and \$4,875,000
13.4 the second year are to purchase, restore, or
13.5 preserve riparian land adjacent to lakes, rivers,
13.6 streams, and tributaries, by easements or
13.7 contracts, to keep water on the land to decrease
13.8 sediment, pollutant, and nutrient transport;
13.9 reduce hydrologic impacts to surface waters;
13.10 and increase infiltration for groundwater
13.11 recharge. Up to \$507,000 is for deposit in a
13.12 monitoring and enforcement account.
- 13.13 (g) \$2,375,000 the first year and \$2,375,000
13.14 the second year are for permanent
13.15 conservation easements on wellhead protection
13.16 areas under Minnesota Statutes, section
13.17 103F.515, subdivision 2, paragraph (d), or for
13.18 grants to local units of government for fee title
13.19 acquisition to permanently protect
13.20 groundwater supply sources on wellhead
13.21 protection areas or for otherwise ensuring
13.22 long-term protection of groundwater supply
13.23 sources as described under alternative
13.24 management tools in the Department of
13.25 Agriculture's Nitrogen Fertilizer Management
13.26 Plan, including low-nitrogen cropping systems
13.27 or implementing nitrogen fertilizer best
13.28 management practices. Priority must be placed
13.29 on land that is located where the vulnerability
13.30 of the drinking water supply is designated as
13.31 high or very high by the commissioner of
13.32 health, where drinking water protection plans
13.33 have identified specific activities that will
13.34 achieve long-term protection, and on lands
13.35 with expiring Conservation Reserve Program

- 14.1 contracts. Up to \$182,000 is for deposit in a
14.2 monitoring and enforcement account.
- 14.3 (h) \$84,000 the first year and \$84,000 the
14.4 second year are for a technical evaluation
14.5 panel to conduct ten restoration evaluations
14.6 under Minnesota Statutes, section 114D.50,
14.7 subdivision 6.
- 14.8 (i) \$2,270,000 the first year and \$2,270,000
14.9 the second year are for assistance, oversight,
14.10 and grants to local governments to transition
14.11 local water management plans to a watershed
14.12 approach as provided for in Minnesota
14.13 Statutes, chapters 103B, 103C, 103D, and
14.14 114D.
- 14.15 (j) \$1,500,000 the first year and \$1,500,000
14.16 the second year are for technical assistance
14.17 and grants for the conservation drainage
14.18 program in consultation with the Drainage
14.19 Work Group, coordinated under Minnesota
14.20 Statutes, section 103B.101, subdivision 13,
14.21 that includes projects to improve multipurpose
14.22 water management under Minnesota Statutes,
14.23 section 103E.015.
- 14.24 (k) \$12,500,000 the first year and \$7,500,000
14.25 the second year are to purchase and restore
14.26 permanent conservation sites via easements
14.27 or contracts to treat and store water on the land
14.28 for water quality improvement purposes and
14.29 related technical assistance. This work may
14.30 be done in cooperation with the United States
14.31 Department of Agriculture with a first-priority
14.32 use to accomplish a conservation reserve
14.33 enhancement program, or equivalent, in the
14.34 state. Up to \$397,000 is for deposit in a
14.35 monitoring and enforcement account.

- 15.1 (l) \$1,750,000 the first year and \$1,750,000
15.2 the second year are to purchase permanent
15.3 conservation easements to protect lands
15.4 adjacent to public waters with good water
15.5 quality but threatened with degradation. Up
15.6 to \$338,000 is for deposit in a monitoring and
15.7 enforcement account.
- 15.8 (m) \$425,000 the first year and \$425,000 the
15.9 second year are for grants or contracts for a
15.10 program to systematically collect data and
15.11 produce county, watershed, and statewide
15.12 estimates of soil erosion caused by water and
15.13 wind along with tracking adoption of
15.14 conservation measures, including cover crops,
15.15 to address erosion. Up to \$700,000 is available
15.16 for grants to or contracts with the University
15.17 of Minnesota to complete this work.
- 15.18 (n) \$1,000,000 the first year and \$1,000,000
15.19 the second year are for grants or contracts to
15.20 local, regional, or tribal government and
15.21 nongovernmental organizations to increase
15.22 citizen participation in implementing water
15.23 quality projects and programs to increase
15.24 long-term sustainability of water resources.
- 15.25 (o) \$500,000 the first year is for grants to
15.26 enhance landowner adoption of cover crops
15.27 in areas with direct benefits to public water
15.28 supplies.
- 15.29 (p) The board must contract for delivery of
15.30 services with Conservation Corps Minnesota
15.31 for restoration, maintenance, and other
15.32 activities under this section for up to \$500,000
15.33 the first year and up to \$500,000 the second
15.34 year.

- 17.1 (b) \$2,747,000 the first year and \$2,747,000
17.2 the second year are for protecting drinking
17.3 water sources.
- 17.4 (c) \$250,000 the first year and \$250,000 the
17.5 second year are for cost-share assistance to
17.6 public and private well owners for up to 50
17.7 percent of the cost of sealing unused wells.
- 17.8 (d) \$650,000 the first year and \$650,000 the
17.9 second year are to develop and deliver
17.10 groundwater restoration and protection
17.11 strategies for use on a watershed scale for use
17.12 in local comprehensive water planning efforts,
17.13 to provide resources to local governments for
17.14 activities that protect sources of drinking
17.15 water, and to enhance approaches that improve
17.16 the capacity of local governmental units to
17.17 protect and restore groundwater resources.
- 17.18 (e) \$850,000 the first year and \$850,000 the
17.19 second year are for studying the occurrence
17.20 and magnitude of contaminants in private
17.21 wells and developing guidance, outreach, and
17.22 interventions to reduce risks to private-well
17.23 owners.
- 17.24 (f) \$250,000 the first year and \$250,000 the
17.25 second year are for evaluating and addressing
17.26 the risks from viruses, bacteria, and protozoa
17.27 in groundwater supplies and for evaluating
17.28 land uses that may contribute to contamination
17.29 of public water systems with these pathogens.
- 17.30 (g) \$350,000 the first year and \$350,000 the
17.31 second year are to develop public health
17.32 policies and an action plan to address threats
17.33 to safe drinking water, including development

18.1 of a statewide plan for protecting drinking
18.2 water.

18.3 (h) \$275,000 the first year and \$275,000 the
18.4 second year are to create a road map for water
18.5 reuse implementation in Minnesota and to
18.6 address research gaps by studying Minnesota
18.7 water reuse systems.

18.8 (i) Unless otherwise specified, the
18.9 appropriations in this section are available
18.10 until June 30, 2023.

18.11 **Sec. 9. METROPOLITAN COUNCIL \$ 1,500,000 \$ 1,500,000**

18.12 (a) \$1,000,000 the first year and \$1,000,000
18.13 the second year are to implement projects that
18.14 address emerging threats to the drinking water
18.15 supply, provide cost-effective regional
18.16 solutions, leverage interjurisdictional
18.17 coordination, support local implementation of
18.18 water supply reliability projects, and prevent
18.19 degradation of groundwater resources in the
18.20 metropolitan area. These projects will provide
18.21 communities with:

18.22 (1) potential solutions to leverage regional
18.23 water use by using surface water, storm water,
18.24 wastewater, and groundwater;

18.25 (2) an analysis of infrastructure requirements
18.26 for different alternatives;

18.27 (3) development of planning-level cost
18.28 estimates, including capital costs and operating
18.29 costs;

18.30 (4) identification of funding mechanisms and
18.31 an equitable cost-sharing structure for
18.32 regionally beneficial water supply
18.33 development projects; and

19.1 (5) development of subregional groundwater
19.2 models.

19.3 (b) \$500,000 the first year and \$500,000 the
19.4 second year are for the water demand
19.5 reduction grant program to encourage
19.6 municipalities in the metropolitan area to
19.7 implement measures to reduce water demand
19.8 to ensure the reliability and protection of
19.9 drinking water supplies.

19.10 **Sec. 10. UNIVERSITY OF MINNESOTA \$ 1,672,000 \$ 1,671,000**

19.11 (a) \$500,000 the first year and \$500,000 the
19.12 second year are for developing county
19.13 geologic atlases. This appropriation is
19.14 available until June 30, 2026.

19.15 (b) \$750,000 the first year and \$750,000 the
19.16 second year are for a program to evaluate
19.17 performance and technology transfer for storm
19.18 water best management practices, to evaluate
19.19 best management performance and
19.20 effectiveness to support meeting total
19.21 maximum daily loads, to develop standards
19.22 and incorporate state-of-the-art guidance using
19.23 minimal impact design standards as the model,
19.24 and to implement a system to transfer
19.25 knowledge and technology across local
19.26 government, industry, and regulatory sectors.
19.27 This appropriation is available until June 30,
19.28 2026.

19.29 (c) \$172,000 the first year and \$171,000 the
19.30 second year are to provide guidance and tools
19.31 in support of the Clean Water Council's efforts
19.32 to measure progress, evaluate outcomes, and
19.33 promote transparency in clean water fund
19.34 investments. The research will assist the

