

**SENATE
STATE OF MINNESOTA
NINETIETH SESSION**

S.F. No. 1734

(SENATE AUTHORS: RUUD, Rest, Senjem and Wiger)

DATE	D-PG	OFFICIAL STATUS
03/02/2017	995	Introduction and first reading
		Referred to Environment and Natural Resources Policy and Legacy Finance
03/06/2017	1081	Author added Wiger

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 "2018" and "2019" used in this act mean
 1.9 that the appropriations listed under them are available for the fiscal year ending June 30,
 1.10 2018, or June 30, 2019, respectively. "The first year" is fiscal year 2018. "The second year"
 1.11 is fiscal year 2019. "The biennium" is fiscal years 2018 and 2019. The appropriations in
 1.12 this act are onetime.

	<u>APPROPRIATIONS</u>	
	<u>Available for the Year</u>	
	<u>Ending June 30</u>	
	<u>2018</u>	<u>2019</u>

1.17 Sec. 2. **CLEAN WATER**

1.18 <u>Subdivision 1. Total Appropriation</u>	<u>\$</u>	<u>107,083,000</u>	<u>\$</u>	<u>113,431,000</u>
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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 article 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
 2.5 article must be spent in accordance with
 2.6 Minnesota Management and Budget's
 2.7 Guidance to Agencies on Legacy Fund
 2.8 Expenditure. Notwithstanding Minnesota
 2.9 Statutes, section 16A.28, and unless otherwise
 2.10 specified in this article, fiscal year 2018
 2.11 appropriations are available until June 30,
 2.12 2019, and fiscal year 2019 appropriations are
 2.13 available until June 30, 2020. If a project
 2.14 receives federal funds, the period of the
 2.15 appropriation is extended to equal the
 2.16 availability of federal funding.

2.17 **Subd. 3. Disability Access**

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

2.28 **Sec. 3. DEPARTMENT OF AGRICULTURE** **\$** **9,208,000** **\$** **9,208,000**

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

3.1 (b) \$2,085,000 the first year and \$2,086,000
3.2 the second year are for monitoring and
3.3 evaluating trends in the concentration of
3.4 nitrate in groundwater in areas vulnerable to
3.5 groundwater degradation; promoting,
3.6 developing, and evaluating regional and
3.7 crop-specific nutrient best management
3.8 practices; assessing best management practice
3.9 adoption; education and technical support from
3.10 University of Minnesota Extension; grants to
3.11 support agricultural demonstration and
3.12 implementation activities; and other actions
3.13 to protect groundwater from degradation from
3.14 nitrate. This appropriation is available until
3.15 June 30, 2022.

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

3.23 (d) \$1,125,000 the first year and \$1,125,000
3.24 the second year are for technical assistance,
3.25 research, and demonstration projects on proper
3.26 implementation of best management practices
3.27 and more precise information on nonpoint
3.28 contributions to impaired waters and for grants
3.29 to support on-farm demonstration of
3.30 agricultural practices. This appropriation is
3.31 available until June 30, 2022.

3.32 (e) \$788,000 the first year and \$787,000 the
3.33 second year are for research to quantify and
3.34 reduce agricultural contributions to impaired
3.35 waters and for development and evaluation of

4.1 best management practices to protect and
4.2 restore water resources. This appropriation is
4.3 available until June 30, 2022.

4.4 (f) \$50,000 the first year and \$50,000 the
4.5 second year are for a research inventory
4.6 database containing water-related research
4.7 activities. Costs for information technology
4.8 development or support for this research
4.9 inventory database may be paid to the Office
4.10 of MN.IT Services. This appropriation is
4.11 available until June 30, 2022.

4.12 (g) \$2,500,000 the first year and \$2,500,000
4.13 the second year are to implement the
4.14 Minnesota agricultural water quality
4.15 certification program statewide. Funds
4.16 appropriated in this paragraph are available
4.17 until June 30, 2021.

4.18 (h) \$110,000 the first year and \$110,000 the
4.19 second year are to provide funding for a
4.20 regional irrigation water quality specialist
4.21 through University of Minnesota Extension.

4.22 (i) \$1,000,000 the first year and \$1,000,000
4.23 the second year are for grants to the Board of
4.24 Regents of the University of Minnesota to
4.25 fund the Forever Green Agriculture Initiative
4.26 and to protect the state's natural resources
4.27 while increasing the efficiency, profitability,
4.28 and productivity of Minnesota farmers by
4.29 incorporating perennial and winter-annual
4.30 crops into existing agricultural practices. This
4.31 appropriation is available until June 30, 2022.

4.32 (j) \$1,000,000 the first year and \$1,000,000
4.33 the second year are for pesticide testing of
4.34 private wells where nitrate is detected, as part

5.1 of the Township Testing Program. This
5.2 appropriation is available until June 30, 2022.

5.3 (k) \$125,000 the first year and \$125,000 the
5.4 second year are to evaluate market
5.5 opportunities and develop markets for crops
5.6 that can be profitable for farmers and
5.7 beneficial for water quality and soil health.

5.8 (l) A portion of the funds in this section may
5.9 be used for programs to train state and local
5.10 outreach staff in the intersection between
5.11 agricultural economics and agricultural
5.12 conservation.

5.13 **Sec. 4. PUBLIC FACILITIES AUTHORITY \$ 8,125,000 \$ 10,125,000**

5.14 (a) \$8,000,000 the first year and \$10,000,000
5.15 the second year are for the point source
5.16 implementation grants program under
5.17 Minnesota Statutes, section 446A.073. This
5.18 appropriation is available until June 30, 2022.

5.19 (b) \$125,000 the first year and \$125,000 the
5.20 second year are for small community
5.21 wastewater treatment grants and loans under
5.22 Minnesota Statutes, section 446A.075. This
5.23 appropriation is available until June 30, 2022.

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

5.32 **Sec. 5. POLLUTION CONTROL AGENCY \$ 27,358,000 \$ 27,357,000**

6.1 (a) \$8,275,000 the first year and \$8,275,000
6.2 the second year are for completion of needed
6.3 statewide assessments of surface water quality
6.4 and trends according to Minnesota Statutes,
6.5 chapter 114D.

6.6 (b) \$10,145,000 the first year and \$10,145,000
6.7 the second year are to develop watershed
6.8 restoration and protection strategies (WRAPS),
6.9 which include total maximum daily load
6.10 (TMDL) studies and TMDL implementation
6.11 plans for waters listed on the United States
6.12 Environmental Protection Agency approved
6.13 impaired waters list in accordance with
6.14 Minnesota Statutes, chapter 114D. The agency
6.15 shall complete an average of ten percent of
6.16 the TMDLs each year over the biennium.

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

6.24 (d) \$750,000 the first year and \$750,000 the
6.25 second year are for implementation of the St.
6.26 Louis River System Area of Concern
6.27 Remedial Action Plan. This appropriation
6.28 must be matched at a rate of 65 percent
6.29 nonstate money to 35 percent state money.

6.30 (e) \$1,155,000 the first year and \$1,155,000
6.31 the second year are for TMDL research and
6.32 database development.

6.33 (f) \$900,000 the first year and \$900,000 the
6.34 second year are for national pollutant

7.1 discharge elimination system wastewater and
7.2 storm water TMDL implementation efforts.
7.3 (g) \$3,623,000 the first year and \$3,622,000
7.4 the second year are for enhancing the
7.5 county-level delivery systems for subsurface
7.6 sewage treatment system (SSTS) activities
7.7 necessary to implement Minnesota Statutes,
7.8 sections 115.55 and 115.56, for protection of
7.9 groundwater, including base grants for all
7.10 counties with SSTS programs and competitive
7.11 grants to counties with specific plans to
7.12 significantly reduce water pollution by
7.13 reducing the number of systems that are an
7.14 imminent threat to public health or safety or
7.15 are otherwise failing. Counties that receive
7.16 base grants must report the number of sewage
7.17 noncompliant properties upgraded through
7.18 SSTS replacement, connection to a centralized
7.19 sewer system, or other means, including
7.20 property abandonment or buy-out. Counties
7.21 also must report the number of existing SSTS
7.22 compliance inspections conducted in areas
7.23 under county jurisdiction. These required
7.24 reports are to be part of established annual
7.25 reporting for SSTS programs. Counties that
7.26 conduct SSTS inventories or those with an
7.27 ordinance in place that requires an SSTS to
7.28 be inspected as a condition of transferring
7.29 property or as a condition of obtaining a local
7.30 permit must be given priority for competitive
7.31 grants under this paragraph. Of this amount,
7.32 \$1,000,000 each year is available to counties
7.33 for grants to low-income landowners to
7.34 address systems that pose an imminent threat
7.35 to public health or safety or fail to protect
7.36 groundwater. A grant awarded under this

8.1 paragraph may not exceed \$40,000 for the
 8.2 biennium. A county receiving a grant under
 8.3 this paragraph must submit a report to the
 8.4 agency listing the projects funded, including
 8.5 an account of the expenditures.

8.6 (h) \$279,000 the first year and \$278,000 the
 8.7 second year are for accelerated implementation
 8.8 of MS4 permit requirements including
 8.9 additional technical assistance to
 8.10 municipalities experiencing difficulties
 8.11 understanding and implementing the basic
 8.12 requirements of the municipal storm water
 8.13 program.

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

8.26 (j) \$50,000 the first year and \$50,000 the
 8.27 second year are to support activities of the
 8.28 Clean Water Council according to Minnesota
 8.29 Statutes, section 114D.30, subdivision 1.

8.30 (k) Notwithstanding Minnesota Statutes,
 8.31 section 16A.28, the appropriations in this
 8.32 section are available until June 30, 2022.

8.33 **Sec. 6. DEPARTMENT OF NATURAL**
 8.34 **RESOURCES**

\$ 11,345,000 \$ 11,345,000

- 9.1 (a) \$2,000,000 the first year and \$2,000,000
9.2 the second year are for stream flow
9.3 monitoring.
- 9.4 (b) \$1,300,000 the first year and \$1,300,000
9.5 the second year are for lake Index of
9.6 Biological Integrity (IBI) assessments.
- 9.7 (c) \$135,000 the first year and \$135,000 the
9.8 second year are for assessing mercury and
9.9 other contaminants of fish, including
9.10 monitoring to track the status of impaired
9.11 waters over time.
- 9.12 (d) \$1,985,000 the first year and \$1,985,000
9.13 the second year are for developing targeted,
9.14 science-based watershed restoration and
9.15 protection strategies.
- 9.16 (e) \$1,700,000 the first year and \$1,700,000
9.17 the second year are for water supply planning,
9.18 aquifer protection, and monitoring activities.
- 9.19 (f) \$1,000,000 the first year and \$1,000,000
9.20 the second year are for technical assistance to
9.21 support local implementation of nonpoint
9.22 source restoration and protection activities.
- 9.23 (g) \$675,000 the first year and \$675,000 the
9.24 second year are for applied research and tools,
9.25 including watershed hydrologic modeling;
9.26 maintaining and updating spatial data for
9.27 watershed boundaries, streams, and water
9.28 bodies and integrating high-resolution digital
9.29 elevation data; and assessing effectiveness of
9.30 forestry best management practices for water
9.31 quality.
- 9.32 (h) \$125,000 the first year and \$125,000 the
9.33 second year are for developing county
9.34 geologic atlases.

10.1 (i) \$100,000 the first year and \$100,000 the
 10.2 second year are for maintenance and updates
 10.3 to buffer maps and for technical guidance on
 10.4 buffer map interpretation to local units of
 10.5 government for implementation of buffer
 10.6 requirements. Maps must be provided to local
 10.7 units of government and made available to
 10.8 landowners on the Department of Natural
 10.9 Resources' Web site.

10.10 (j) \$325,000 the first year and \$325,000 the
 10.11 second year are to collect color infrared
 10.12 imagery for determining perennial cover
 10.13 statewide.

10.14 (k) \$1,000,000 the first year and \$1,000,000
 10.15 the second year are to acquire in fee and
 10.16 permanent conservation easements on lands
 10.17 adjacent to public waters for aquatic
 10.18 management area purposes under Minnesota
 10.19 Statutes, section 86A.05, subdivision 14, to
 10.20 maintain water quality and fish habitat.

10.21 (l) \$1,000,000 the first year and \$1,000,000
 10.22 the second year are to acquire permanent
 10.23 conservation easements in targeted areas to
 10.24 protect the forests and shorelands that supply
 10.25 clean water to lakes, rivers, and streams under
 10.26 Minnesota Statutes, section 84.66.

10.27 **Sec. 7. BOARD OF WATER AND SOIL**
 10.28 **RESOURCES**

\$ 43,776,000 \$ 48,142,000

10.29 (a) \$3,817,000 the first year and \$8,183,000
 10.30 the second year are for a pilot program to
 10.31 provide performance-based grants to local
 10.32 government units. The grants may be used to
 10.33 implement projects that protect, enhance, and
 10.34 restore surface water quality in lakes, rivers,

11.1 and streams; protect groundwater from
11.2 degradation; and protect drinking water
11.3 sources. Projects must be identified in a
11.4 comprehensive watershed plan developed
11.5 under the One Watershed, One Plan or
11.6 metropolitan surface water management
11.7 frameworks or groundwater plans. Grant
11.8 recipients must identify a nonstate match and
11.9 may use other legacy funds to supplement
11.10 projects funded under this paragraph.

11.11 (b) \$14,750,000 the first year and \$14,750,000
11.12 the second year are for grants to protect and
11.13 restore surface water and drinking water; to
11.14 keep water on the land; to protect, enhance,
11.15 and restore water quality in lakes, rivers, and
11.16 streams; and to protect groundwater and
11.17 drinking water, including feedlot water quality
11.18 and subsurface sewage treatment system
11.19 projects and stream bank, stream channel,
11.20 shoreline restoration, and ravine stabilization
11.21 projects. The projects must use practices
11.22 demonstrated to be effective, be of long-lasting
11.23 public benefit, include a match, and be
11.24 consistent with total maximum daily load
11.25 (TMDL) implementation plans, watershed
11.26 restoration and protection strategies (WRAPS),
11.27 or local water management plans or their
11.28 equivalents. A portion of these funds may be
11.29 used to seek administrative efficiencies
11.30 through shared resources by multiple local
11.31 governmental units.

11.32 (c) \$6,000,000 the first year and \$6,000,000
11.33 the second year are for accelerated
11.34 implementation, including local resource
11.35 protection and enhancement grants and

- 12.1 statewide program enhancements of
12.2 supplements for technical assistance, citizen
12.3 and community outreach, compliance, and
12.4 training and certification.
- 12.5 (d) \$950,000 the first year and \$950,000 the
12.6 second year are to provide state oversight and
12.7 accountability, evaluate results, provide
12.8 implementation tools, and measure the value
12.9 of conservation program implementation by
12.10 local governments, including submission to
12.11 the legislature by March 1 each
12.12 even-numbered year a biennial report prepared
12.13 by the board, in consultation with the
12.14 commissioners of natural resources, health,
12.15 agriculture, and the Pollution Control Agency,
12.16 detailing the recipients, the projects funded
12.17 under this section, and the amount of pollution
12.18 reduced.
- 12.19 (e) \$3,400,000 the first year and \$3,400,000
12.20 the second year are to provide assistance,
12.21 oversight, and grants for supporting local
12.22 governments in implementing and complying
12.23 with riparian protection and excessive soil loss
12.24 requirements.
- 12.25 (f) \$6,000,000 the first year and \$6,000,000
12.26 the second year are to restore or preserve
12.27 permanent conservation on riparian buffers
12.28 adjacent to lakes, rivers, streams, and
12.29 tributaries, to keep water on the land in order
12.30 to decrease sediment, pollutant, and nutrient
12.31 transport; reduce hydrologic impacts to surface
12.32 waters; and increase infiltration for
12.33 groundwater recharge. This appropriation may
12.34 be used for restoration of riparian buffers
12.35 permanently protected by easements purchased

- 13.1 with this appropriation or contracts to achieve
13.2 permanent protection for riparian buffers or
13.3 stream bank restorations when the riparian
13.4 buffers have been restored. Up to \$1,920,000
13.5 is for deposit in a monitoring and enforcement
13.6 account.
- 13.7 (g) \$1,750,000 the first year and \$1,750,000
13.8 the second year are for permanent
13.9 conservation easements on wellhead protection
13.10 areas under Minnesota Statutes, section
13.11 103F.515, subdivision 2, paragraph (d), or for
13.12 grants to local units of government for fee title
13.13 acquisition to permanently protect
13.14 groundwater supply sources on wellhead
13.15 protection areas or for otherwise assuring
13.16 long-term protection of groundwater supply
13.17 sources as described under alternative
13.18 management tools in the Department of
13.19 Agriculture's Nitrogen Fertilizer Management
13.20 Plan, including low nitrogen cropping systems
13.21 or implementing nitrogen fertilizer best
13.22 management practices. Priority must be placed
13.23 on land that is located where the vulnerability
13.24 of the drinking water supply is designated as
13.25 high or very high by the commissioner of
13.26 health, where drinking water protection plans
13.27 have identified specific activities that will
13.28 achieve long-term protection, and on lands
13.29 with expiring Conservation Reserve Program
13.30 contracts. Up to \$105,000 is for deposit in a
13.31 monitoring and enforcement account.
- 13.32 (h) \$84,000 the first year and \$84,000 the
13.33 second year are for a technical evaluation
13.34 panel to conduct ten restoration evaluations

- 14.1 under Minnesota Statutes, section 114D.50,
14.2 subdivision 6.
- 14.3 (i) \$2,100,000 the first year and \$2,100,000
14.4 the second year are for assistance, oversight,
14.5 and grants to local governments to transition
14.6 local water management plans to a watershed
14.7 approach as provided for in Minnesota
14.8 Statutes, chapters 103B, 103C, 103D, and
14.9 114D.
- 14.10 (j) \$750,000 the first year and \$750,000 the
14.11 second year are for technical assistance and
14.12 grants for the conservation drainage program
14.13 in consultation with the Drainage Work Group,
14.14 coordinated under Minnesota Statutes, section
14.15 103B.101, subdivision 13, that includes
14.16 projects to improve multipurpose water
14.17 management under Minnesota Statutes, section
14.18 103E.015.
- 14.19 (k) \$1,500,000 the first year and \$1,500,000
14.20 the second year are to purchase and restore
14.21 permanent conservation sites via easements
14.22 or contracts to treat and store water on the land
14.23 for water quality improvement purposes and
14.24 related technical assistance. This work may
14.25 be done in cooperation with the United States
14.26 Department of Agriculture with a first priority
14.27 use to accomplish a conservation reserve
14.28 enhancement program, or equivalent, in the
14.29 state. Up to \$2,880,000 is for deposit in a
14.30 monitoring and enforcement account.
- 14.31 (l) \$1,250,000 the first year and \$1,250,000
14.32 the second year are to purchase permanent
14.33 conservation easements to protect lands
14.34 adjacent to public waters with good water
14.35 quality but threatened with degradation. Up

- 15.1 to \$60,000 is for deposit in a monitoring and
15.2 enforcement account.
- 15.3 (m) \$425,000 the first year and \$425,000 the
15.4 second year are for a program to
15.5 systematically collect data and produce
15.6 county, watershed, and statewide estimates of
15.7 soil erosion caused by water and wind along
15.8 with tracking adoption of conservation
15.9 measures, including cover crops, to address
15.10 erosion.
- 15.11 (n) \$1,000,000 the first year and \$1,000,000
15.12 the second year are for clean water legacy
15.13 grants or contracts of up to \$100,000 to
15.14 governmental, nongovernmental, and tribal
15.15 organizations for implementation projects that
15.16 protect, enhance, and restore water quality or
15.17 protect groundwater and drinking water
15.18 sources from degradation.
- 15.19 (o) The board shall contract for delivery of
15.20 services with Conservation Corps Minnesota
15.21 for restoration, maintenance, and other
15.22 activities under this section for up to \$500,000
15.23 the first year and up to \$500,000 the second
15.24 year.
- 15.25 (p) The board may shift grant or cost-share
15.26 funds in this section and may adjust the
15.27 technical and administrative assistance portion
15.28 of the funds to leverage federal or other
15.29 nonstate funds or to address oversight
15.30 responsibilities or high-priority needs
15.31 identified in local water management plans.
- 15.32 (q) The board shall require grantees to specify
15.33 the outcomes that will be achieved by the
15.34 grants prior to any grant awards.

16.1 (r) The appropriations in this section are
 16.2 available until June 30, 2022. Returned grant
 16.3 funds are available until expended and shall
 16.4 be regranted consistent with the purposes of
 16.5 this section.

16.6 **Sec. 8. DEPARTMENT OF HEALTH \$ 4,998,000 \$ 4,997,000**

16.7 (a) \$1,100,000 the first year and \$1,100,000
 16.8 the second year are for addressing public
 16.9 health concerns related to contaminants found
 16.10 in Minnesota drinking water for which no
 16.11 health-based drinking water standards exist,
 16.12 including accelerating the development of
 16.13 health risk limits and improving the capacity
 16.14 of the department's laboratory to analyze
 16.15 unregulated contaminants.

16.16 (b) \$2,798,000 the first year and \$2,797,000
 16.17 the second year are for protection of drinking
 16.18 water sources.

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

16.23 (d) \$200,000 the first year and \$200,000 the
 16.24 second year are to develop and deliver
 16.25 groundwater restoration and protection
 16.26 strategies for use on a watershed scale for use
 16.27 in local water planning efforts and to provide
 16.28 resources to local governments for drinking
 16.29 water source protection activities.

16.30 (e) \$400,000 the first year and \$400,000 the
 16.31 second year are for studying the occurrence
 16.32 and magnitude of contaminants in private
 16.33 wells and developing guidance and outreach
 16.34 to reduce risks to private-well owners.

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

17.4 (g) \$150,000 the first year and \$150,000 the
 17.5 second year are to develop public health
 17.6 policies and an action plan to address threats
 17.7 to safe drinking water, and to conduct an
 17.8 analysis to determine the scope of the lead
 17.9 problem in Minnesota's water and the cost to
 17.10 eliminate lead exposure in drinking water.

17.11 (h) Unless otherwise specified, the
 17.12 appropriations in this section are available
 17.13 until June 30, 2021.

17.14 **Sec. 9. METROPOLITAN COUNCIL \$ 1,250,000 \$ 1,250,000**

17.15 (a) \$1,000,000 the first year and \$1,000,000
 17.16 the second year are to implement projects that
 17.17 address emerging drinking-water supply
 17.18 threats, provide cost-effective regional
 17.19 solutions, leverage interjurisdictional
 17.20 coordination, support local implementation of
 17.21 water supply reliability projects, and prevent
 17.22 degradation of groundwater resources in the
 17.23 metropolitan area. These projects will provide
 17.24 to communities:

17.25 (1) potential solutions to leverage regional
 17.26 water use through use of surface water, storm
 17.27 water, wastewater, and groundwater;

17.28 (2) an analysis of infrastructure requirements
 17.29 for different alternatives;

17.30 (3) development of planning level cost
 17.31 estimates, including capital cost and operation
 17.32 cost;

18.1 (4) identification of funding mechanisms and
 18.2 an equitable cost-sharing structure for
 18.3 regionally beneficial water supply
 18.4 development projects; and
 18.5 (5) development of subregional groundwater
 18.6 models.

18.7 (b) \$250,000 the first year and \$250,000 the
 18.8 second year are for the water demand
 18.9 reduction grant program to encourage
 18.10 implementation of water demand reduction
 18.11 measures by municipalities in the metropolitan
 18.12 area to ensure the reliability and protection of
 18.13 drinking water supplies.

18.14 **Sec. 10. UNIVERSITY OF MINNESOTA \$ 1,008,000 \$ 1,007,000**

18.15 (a) \$125,000 the first year and \$125,000 the
 18.16 second year are for developing county
 18.17 geologic atlases. This appropriation is
 18.18 available until June 30, 2022.

18.19 (b) \$750,000 the first year and \$750,000 the
 18.20 second year are for a performance evaluation
 18.21 and technology transfer program for storm
 18.22 water best management practices to enhance
 18.23 data and information management of storm
 18.24 water best management practices; evaluate
 18.25 best management performance and
 18.26 effectiveness to support meeting total
 18.27 maximum daily loads; develop standards and
 18.28 incorporate state-of-the-art guidance using
 18.29 minimal impact design standards as the model;
 18.30 and implement a knowledge and technology
 18.31 transfer system across local government,
 18.32 industry, and regulatory sectors. This
 18.33 appropriation is available until June 30, 2020.

19.1 (c) \$133,000 the first year and \$132,000 the
 19.2 second year are to provide guidance
 19.3 documents and tools evaluating the clean
 19.4 water fund's return on investment to measure
 19.5 impacts on water quality and human
 19.6 well-being as well as assist in future funding
 19.7 decisions.

19.8 Sec. 11. LEGISLATURE \$ 15,000

19.9 \$15,000 the first year is for the Legislative
 19.10 Coordinating Commission for the Web site
 19.11 required in Minnesota Statutes, section 3.303,
 19.12 subdivision 10.