

Conference Committee Deletions from LCCMR Recommendations

2.20 Subd. 3. **Foundational Natural Resource Data** 2.21 **and Information**

4.18 (f) **Minnesota Vegetative Buffer Assessment**
4.19 **and Prioritization to Protect Water Quality**
4.20 \$170,000 the second year is from the
4.21 trust fund to the Board of Regents of
4.22 the University of Minnesota to develop
4.23 a geographic information system (GIS)
4.24 assessment of riparian vegetative buffers
4.25 in 67 agricultural counties in Minnesota
4.26 using aerial imagery and light detection and
4.27 ranging (LiDAR) terrain analysis in order to
4.28 protect water quality.

9.5 Subd. 4. **Water Resources**

12.9 (i) **Techniques for Water Storage Estimates in**
12.10 **Central Minnesota**
12.11 \$250,000 the second year is from the
12.12 trust fund to the Board of Regents of the
12.13 University of Minnesota to improve water
12.14 storage estimates in groundwater, soil
12.15 moisture, streams, lakes, and wetlands
12.16 through integration of satellite monitoring
12.17 and ground-based measurements in central
12.18 Minnesota. This appropriation is available
12.19 until June 30, 2019, by which time the
12.20 project must be completed and final products
12.21 delivered.

17.21 (w) **Assessing Climate Change Effects on**
17.22 **Release of Mercury and Sulfur into Aquatic**
17.23 **Ecosystems**
17.24 \$300,000 the second year is from the
17.25 trust fund to the Board of Regents of the
17.26 University of Minnesota to determine the
17.27 effects of increased temperatures on the
17.28 release of mercury and sulfur from Minnesota
17.29 peatlands in order to help predict impacts
17.30 on aquatic ecosystems and fish health. This
17.31 appropriation is available until June 30,
17.32 2019, by which time the project must be
17.33 completed and final products delivered.

18.26 Subd. 5. **Environmental Education**

20.9 (e) **Workshops and Outreach for Nontoxic**
20.10 **Ammunition Alternatives**
20.11 \$133,000 the second year is from the
20.12 trust fund to the Board of Regents of the
20.13 University of Minnesota for the Raptor
20.14 Center, in cooperation with the Department
20.15 of Natural Resources and other conservation
20.16 partners, to provide hunters with outreach
20.17 and workshops on alternatives to lead
20.18 hunting ammunition, including copper
20.19 ammunition as an alternative, and to promote
20.20 voluntary selection of nontoxic ammunition
20.21 in order to protect raptors and other wildlife
20.22 in Minnesota from accidental lead poisoning
20.23 caused by ingestion of ammunition fragments
20.24 left in the field.

22.12 (k) **Analysis of Thermally Modified Wood**

22.13 **Nesting Boxes for Birds**

22.14 \$117,000 the second year is from the
 22.15 trust fund to the Board of Regents of the
 22.16 University of Minnesota for the Natural
 22.17 Resources Research Institute in Duluth to
 22.18 verify the performance and market readiness
 22.19 of bird nest boxes made from thermally
 22.20 modified Minnesota ash wood, by placing the
 22.21 nest boxes in nature centers, environmental
 22.22 learning centers, and school forests statewide
 22.23 for testing, collecting pertinent bird
 22.24 conservation data, and delivering related
 22.25 environmental education.

25.12 Subd. 7. **Air Quality, Climate Change, and**

25.13 **Renewable Energy**

25.14 (a) **Solar Cells Manufacturing Research**

25.15 \$388,000 the second year is from the
 25.16 trust fund to the Board of Regents of
 25.17 the University of Minnesota to develop
 25.18 inexpensive, high-efficiency solar energy by
 25.19 simple roll-to-roll advanced manufacturing
 25.20 technology, using Perovskite, a new
 25.21 photovoltaic material. This appropriation
 25.22 is subject to Minnesota Statutes, section
 25.23 116P.10. This appropriation is available until
 25.24 June 30, 2019, by which time the project must
 25.25 be completed and final products delivered.

26.6 (c) **High-Resolution Climate Projections to Aid**

26.7 **Local Planning and Implementation Efforts**

26.8 \$411,000 the second year is from the trust
 26.9 fund to the Board of Regents of the University
 26.10 of Minnesota to produce statewide localized
 26.11 climate model projections to be used for
 26.12 long-term planning and implementation of
 26.13 adaptation strategies for natural resources,
 26.14 infrastructure, and human health at the local
 26.15 level. This appropriation is available until
 26.16 June 30, 2019, by which time the project must
 26.17 be completed and final products delivered.

26.18 (d) **Geotargeted Distributed Clean Energy**

26.19 **Initiative**

26.20 \$800,000 the second year is from the trust
 26.21 fund to the commissioner of natural resources
 26.22 for an agreement with the Center for Energy
 26.23 and Environment. Of this amount, up to
 26.24 \$600,000 is for analysis of community
 26.25 distributed clean energy investments as
 26.26 alternatives to utility transmission and
 26.27 distribution upgrade capital investments
 26.28 to meet forecasted electrical loads. Up
 26.29 to \$200,000 is to conduct pilot programs
 26.30 using energy efficiency and other distributed
 26.31 energy resources to achieve forecasted
 26.32 electric energy loads in communities and
 26.33 is contingent on a \$200,000 match of an
 26.34 equal or greater amount of nonstate money.
 26.35 This appropriation is available until June

27.1 30, 2019, by which time the project must be

27.2 completed and final products delivered.

32.22 Subd. 9. **Land Acquisition, Habitat, and**
 32.23 **Recreation**

32.24 (a) **State Parks and Trails Land Acquisition**

32.25 \$2,445,000 the second year is from the
 32.26 trust fund to the commissioner of natural
 32.27 resources to acquire approximately 300 acres
 32.28 from willing sellers for authorized state
 32.29 trails and critical parcels within the statutory
 32.30 boundaries of state parks. Of this amount, at
 32.31 least \$445,000 must be used for state parks
 32.32 and trails along the Minnesota River. State
 32.33 park land acquired with this appropriation
 32.34 must be sufficiently improved to meet at
 32.35 least minimum management standards, as

33.1 determined by the commissioner of natural
 33.2 resources. A list of proposed acquisitions
 33.3 must be provided as part of the required work
 33.4 plan. This appropriation is available until
 33.5 June 30, 2019, by which time the project must
 33.6 be completed and final products delivered.

34.35 (e) **Wilder Forest Acquisition**

35.1 \$500,000 the second year is from the trust
 35.2 fund to the commissioner of natural resources
 35.3 for an agreement with Washington County
 35.4 in cooperation with the Minnesota Food
 35.5 Association to partially acquire property
 35.6 in Washington County known as Wilder
 35.7 Forest to be used in organic agricultural
 35.8 production and habitat conservation. Any
 35.9 land to be acquired must be identified in
 35.10 an approved work plan, publicly owned,
 35.11 and open to public use. The county must
 35.12 evaluate and provide a long-term plan for
 35.13 the conservation of the Wilder Forest area
 35.14 to the Legislative-Citizen Commission on
 35.15 Minnesota Resources before the acquisition
 35.16 is completed. This appropriation must be 6/2/2016
 35.17 matched by at least an equal amount of
 35.18 nonstate funds.