

**2010 ENVIRONMENT AND NATURAL RESOURCES TRUST FUND  
APPROPRIATIONS BY SUBDIVISION - M.L. 2010 Chapter 362**

**LCCMR Process for 2010 Appropriations**

*In response to the 2010 Request for Proposal (RFP) due May 1, 2009, 240 proposals requesting a total of approximately \$163.8 million were received. 85 of these proposals, requesting a total of \$81.1 million, were chosen to present to the LCCMR. 48 of those proposals were chosen to receive a recommendation for funding.*

January 16, 2009	2010 Funding Priorities Determined and RFP Adopted
February 11, 2009	2010 RFP Issued
May 1, 2009	2010 RFP Proposal Deadline (Received 240 Proposals totaling \$163,771,833)
June 17, 2009	Site Visits and Issue Seminars (East Metro / St. Croix River Valley Area)
July 14, 2009	Discussion of 2010 Proposal Selection for Presentations
July 28, 2009	2010 Proposal Selection for Presentations Site Visits and Issue Seminars (Northeast Minnesota)
August 17-19, 2009 September 21, 22, 23, 29, 30 & October 1, 2009	2010 Proposal Presentations (6 days)
October 13-14, 2009	2010 Allocations Recommendations (2 days)
November 18, 2009	2010 Appropriation Language Review & Adoption
November 2009-January 2010	Research Projects Recommended Undergo Peer Review <i>LCCMR recommendations were introduced as a bill to the 2010 Legislature. The Legislature adopted the recommendations, along with 1 additional appropriation added by the Legislature, for a total of 49 appropriations. Of the 49 appropriations presented to the Governor, 1 was line-item vetoed by the Governor, resulting in a total of 48 appropriations being signed into law.</i>

**Summary of Appropriations by Subdivision\***

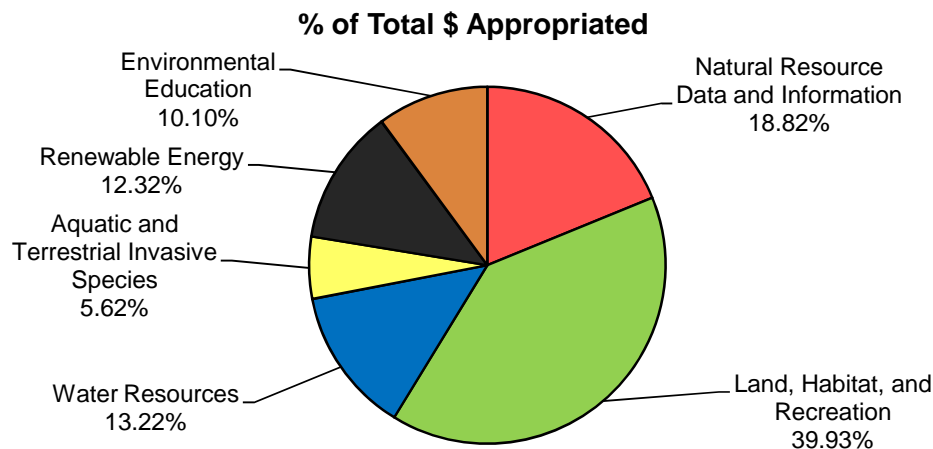
<b>Issue Area Priority</b>	<b>\$ Appropriated</b>	<b># Appropriations**</b>
Subd. 3 - Natural Resource Data and Information	\$4,920,000	11
Subd. 4 - Land, Habitat, and Recreation	\$10,438,000 ***	9
Subd. 5 - Water Resources	\$3,455,000	9
Subd. 6 - Aquatic and Terrestrial Invasive Species	\$1,470,000	4
Subd. 7 - Renewable Energy	\$3,221,000	4
Subd. 8 - Environmental Education	\$2,640,000	11
<b>Total</b>	<b>\$26,144,000</b>	<b>48</b>

**Notes:**

\*The distribution of dollars is based on the subdivisions in the appropriation language.

\*\*Some appropriations include multiple projects with multiple partners of different affiliations receiving funds. The total number of individual projects within the 48 appropriations is 71.

\*\*\*Subd. 4 includes \$247,000 transferred from unused balances of project appropriations made in 2005 and 2009.



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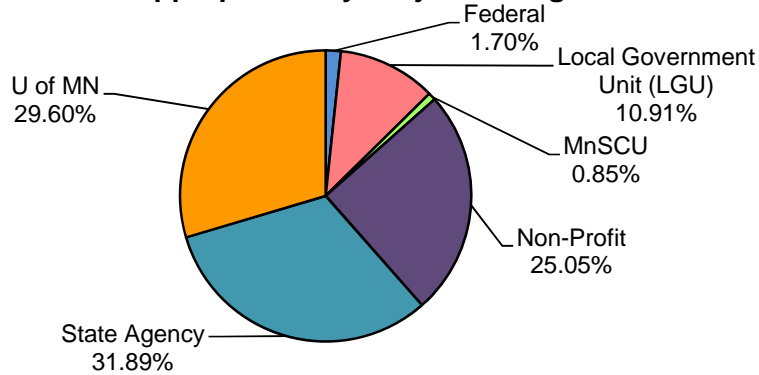
**Summary of Project Appropriations by Project Manager Affiliation\***

<b>Affiliation Type</b>	<b>\$ Appropriated</b>	<b># Projects</b>
Federal	\$444,000	1
Local Government Unit (LGU)	\$2,853,000	5
MnSCU	\$222,000	3
Non-Profit	\$6,550,000	27
State Agency	\$8,337,000	17
U of MN	\$7,738,000	18
<b>Total</b>	<b>\$26,144,000</b>	<b>71</b>

**(in 48 appropriations)**

\*Some projects have multiple partners with different affiliations receiving funds. The distribution of funds between affiliation types above is based on the best information available at this time.

**% of Total \$ Appropriated by Project Manager Affiliation**



**Summary of Project Appropriations by Area of Impact**

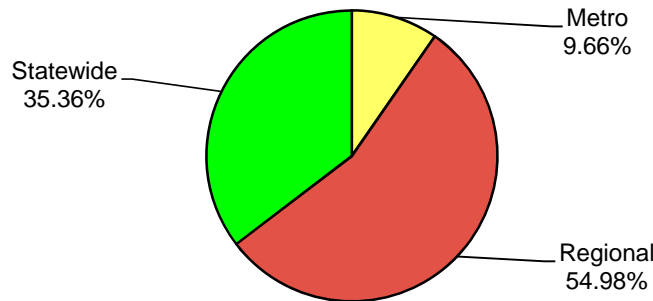
	<b>\$ Appropriated</b>	<b># Projects</b>
Metro*	\$2,525,000	6
Regional**	\$14,374,000	38
Statewide	\$9,245,000	27
<b>Total</b>	<b>\$26,144,000</b>	<b>71</b>

**(in 48 appropriations)**

\* "Metro" region includes the 11 counties of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington, and Wright.

\*\*"Regional" means area of impact is less than "Statewide" but includes one or more regions of the state ("Northwest", "Northeast", "Central", "Southwest", or "Southeast") other than the 11-county "Metro" region. However, in some instances, regional impact will also include impact in the "Metro" region.

**% of Total \$ Appropriated by Area of Impact**



# ENVIRONMENT AND NATURAL RESOURCES TRUST FUND

## 2010 APPROPRIATIONS – M.L. 2010, Ch. 362

### SUMMARY OF 2010 APPROPRIATIONS BY SUBDIVISION (\$26,144,000\*)

- SUBD. 3. Natural Resource Data and Information: \$4,920,000 (11 appropriations)**
- Collection, mapping, interpretation, and delivery of foundational data pertaining to groundwater, wetlands, and bird populations.
  - Assessment, planning, and outreach for bird conservation, farmland conservation, watershed protection, and the development of local food and perennial biofuels markets.
  - Research, analysis, and outreach pertaining to moose habitat, pollinator decline, groundwater sustainability, carbon sequestration, and the application of unique microorganisms for bioenergy and bioremediation uses.
- SUBD. 4. Land, Habitat, and Recreation: \$10,438,000 (9 appropriations)**
- Development and implementation of a habitat restoration training program.
  - Protection, restoration, and enhancement of priority land and habitat through fee title acquisition, conservation easements, and related efforts.
  - Expansion of state outdoor recreational opportunities through improvement and expansion of parks and other public lands.
  - Assessment and planning to reduce fragmentation and reconnect remaining prairie ecosystems.
  - Outreach and technical assistance for landowners on conservation easements, shoreline protection, and wetlands protection.
- SUBD. 5. Water Resources: \$3,455,000 (9 appropriations)**
- Research and analysis pertaining to protection of water resources against contaminants including dioxins, pharmaceuticals, and compounds that disrupt endocrine system functions in humans, fish, and wildlife.
  - Identification and evaluation of existing sources of sulfate released into surface waters from past mining activities and assessment of management and treatment options.
  - Demonstration and assessment of innovative water storage and treatment for agricultural and urban runoff.
  - Research and analysis pertaining to shallow lakes, shoreline, and trout streams that will result in recommendations for improved protection and management strategies.
- SUBD. 6. Aquatic and Terrestrial Invasive Species: \$1,470,000 (4 appropriations)**
- Continued evaluation of biological control methods for European buckthorn and garlic mustard.
  - Research and analysis pertaining to the potential impacts of emerald ash borer on Minnesota's black ash forest communities and on strategies for helping forests resist invasive species infestation.
  - Evaluation of innovative techniques for management of invasive round goby in Lake Superior.
- SUBD. 7. Renewable Energy: \$3,221,000 (4 appropriations)**
- Demonstration of sustainable energy strategies and practices including a pilot renewable energy system utilizing wastewater to produce algae biofuels, implementation of renewable energy systems and conservation practices at residential environmental learning centers visited by students from around the state, and development of habitat restoration harvesting as a biomass source for bioenergy.
  - Research and analysis on sustainable practices to optimize perennial biofuel crop yields while maximizing soil carbon storage and resistance to invasive species.
- SUBD. 8. Environmental Education: \$2,640,000 (11 appropriations)**
- Training of teachers on integrating environmental and outdoor education into their classrooms and training of future conservation professionals through mentoring opportunities.
  - Delivery of environmental education to urban youth and underserved communities through focused outdoors experiences.
  - Continued establishment and enhancement of outdoor classrooms throughout the state.
  - Development and delivery of environmental education pertaining to climate change, wolves, and the Minnesota River.

### SUMMARY OF EXPECTED OUTCOMES ACROSS SUBDIVISIONS FOR ~\$26.1 MILLION

- **Natural Resource Inventory, Monitoring, Mapping, and Planning: ~\$3.6 million**  
*Inventory, monitoring, mapping, and planning* efforts to obtain critical information and guide relevant decisions and efforts over time. This includes acceleration of the MN County Geologic Atlas program; MN Wetlands Inventory; MN Breeding Bird Atlas; and plans and recommended guidelines for bird conservation, watershed protection and improvement, prairie management, forest management, and farmland preservation.
- **Terrestrial and Aquatic Habitat Acquisition: ~\$6.5 million**  
*Acquisition* of an estimated 2,775 acres in a combination of fee title (466 acres) and conservation easements (2,309 acres). Permanently protected areas will include forests, wetlands, shoreline, prairie, and other habitat for both human and animal benefit.
- **Terrestrial and Aquatic Habitat and Parkland Restoration and Improvement: ~\$3 million**  
*Restoration and improvement* activities on an estimated 5,800 acres of habitat and parkland. Activities performed will include soil preparation, native vegetation installation, structural improvements, invasive species removal, and state park capital improvement.
- **Natural Resource Research and Analysis: ~\$7.2 million**  
*Research and analysis* projects that will advance our knowledge about and provide recommendations for addressing issues relating to aquatic contaminants, groundwater resources, invasive species, pollinator decline, carbon sequestration, wildlife habitat, unique ecosystems, and energy production.
- **Environmental Education, Outreach, Demonstration, and Technical Assistance: ~\$5.8 million**  
*Environmental education, outreach, demonstration, and technical assistance* efforts that will educate Minnesotans on topics including climate change, wildlife, ecosystems, and water resources; demonstrate options for energy efficiency and sustainability; and provide training, experiences, and outdoor spaces to facilitate learning about the natural world.

\*Includes \$247,000 in Subd. 4 that were transferred from unused balances of project appropriations made in 2005 and 2009.