

FY 2012-13 ENVIRONMENT AND NATURAL RESOURCES TRUST FUND APPROPRIATIONS – M.L. 2011, 1st Special Session, Ch. 2, Art. 3

SUMMARY OF ML 2011 APPROPRIATIONS BY SUBDIVISION (\$51,406,000*)

- SUBD. 3. Natural Resource Data and Information: \$9,775,000 – 17 Appropriations**
- Collection, interpretation, mapping, and dissemination of foundational data and information pertaining to groundwater, soils, wetlands, and distributions of plant and animal species and ecological systems.
 - Research and analysis pertaining to moose populations; biomass harvesting; and changes in Minnesota's boreal forests.
 - Refinement and development of methodologies and implementation of technologies and training to improve natural resource management efficacy and efficiency.
 - Planning for natural resource conservation in the central Minnesota Mississippi River corridor and St. Croix River Basin.
 - Acceleration of efforts investigating species of concern.
- SUBD. 4. Land, Habitat, and Recreation: \$28,384,000 – 32 Appropriations [37 projects]**
- Expansion of state parks and trails; acceleration of operations and infrastructure improvements of state parks and trails.
 - Grants to local units of government for acquisition and development of regional parks, trails, and scenic and natural areas.
 - Protection, restoration, and enhancement of priority, high quality, and rare lands and habitat through fee title acquisition, conservation easements, restoration/enhancement, and related efforts.
 - Outreach to engage citizens with Minnesota's Scientific and Natural Area system.
 - Technical assistance and training for landowners and conservation professionals on conservation program opportunities, habitat restoration, and land stewardship.
 - Planning, inventory, monitoring, and data management pertaining to at-risk native species, rare and unique habitats, and existing state-held conservation easements.
 - Research and analysis pertaining to habitat protection and restoration strategies and genetic diversity of wild rice.
- SUBD. 5. Water Resources: \$1,557,000 – 6 Appropriations**
- Inventory, assessment, mapping, and planning pertaining to sensitive shoreline protection, watershed restoration efforts, and trout stream water sources in relation to development impacts.
 - Research and analysis pertaining to presence and threat of antibiotics in the Minnesota River and Mississippi River water quality.
 - Education incorporating Mississippi River water quality assessment efforts into classrooms and outreach to help communities reduce contaminants of emerging concern within water resources.
- SUBD. 6. Aquatic and Terrestrial Invasive Species: \$870,000 – 3 Appropriations**
- Research and analysis identifying potentially harmful bacteria transported into Lake Superior via ballast water discharge.
 - Research and analysis pertaining to Emerald Ash Borer, including assessment and pilot implementation of biocontrol options.
 - Assessment of the invasiveness risk potential of switchgrass selectively bred for biofuel production and development of related risk management strategies.
- SUBD. 7. Renewable Energy and Air Quality: \$150,000 – 1 Appropriation**
- Implementation of community-scale forest bioenergy systems
- SUBD. 8. Environmental Education: \$811,000 – 3 Appropriations**
- Outreach and technical assistance enabling students to implement renewable energy and energy conservation projects within their schools and communities in west and southwest Minnesota.
 - Development and delivery of environmental education to youth through experiential, science-based learning activities involving ecology and horticulture, particularly in urban and other underserved communities.
- SUBD. 9. Emerging Issues: \$8,735,000 – 4 Appropriations**
- Training of future conservation professionals through mentoring opportunities.
 - Acceleration of efforts to prevent, manage, or eliminate aquatic invasive species and chronic-wasting disease.
 - Acceleration of the Reinvest in Minnesota (RIM) – Wetlands Reserve Program (WRP) efforts.
- SUBD. 10. Administration and Contract Management: \$1,402,000 – 2 Appropriations**
- LCCMR administration and project contract management.

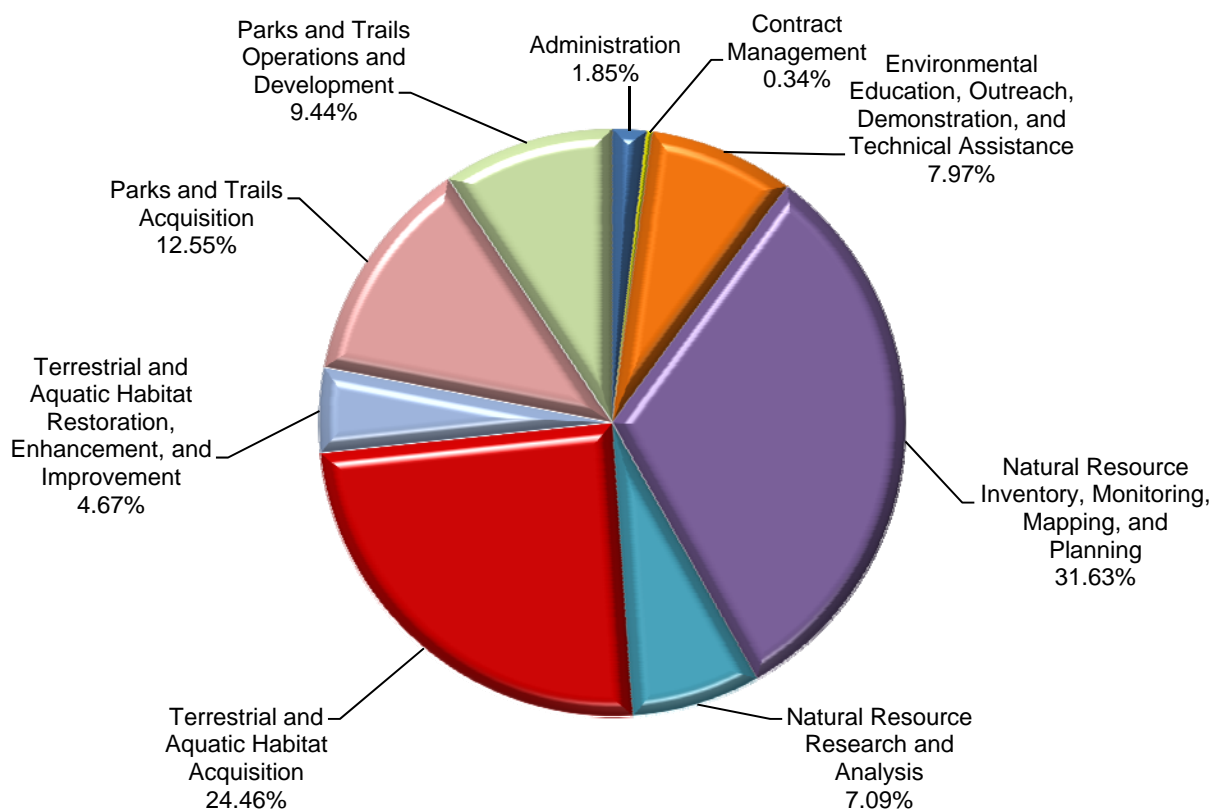
*Includes approximately \$25.3 million each year (total = \$50,656,000) from the Environment and Natural Resources Trust Fund and a total of \$750,000 from the Land and Water Conservation Account (LAWCON).

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SUMMARY OF EXPECTED OUTCOMES ACROSS SUBDIVISIONS FOR ~\$51.4 MILLION

- **Natural Resource Inventory, Monitoring, Mapping, and Planning: ~\$16.3 million**
Inventory, monitoring, mapping, and planning efforts to obtain critical information and guide relevant decisions and efforts over time, including acceleration of the MN County Biological Survey; MN County Geologic Atlas program; MN Statewide Soil Survey; MN Wetlands Inventory; mapping and measurement of springheds; improved techniques and planning for local conservation efforts; strategic planning and implementation of improved management for state-owned lands; invasive species and wildlife disease; and recommended guidelines for prairie management.
- **Terrestrial and Aquatic Habitat Acquisition: ~\$12.6 million**
Acquisition of an estimated 3,877 acres in a combination of fee title (1,390 acres and .9 miles of shoreline) and conservation easements (2,487 acres), including donated easements. Permanently protected areas will include forests, wetlands, shoreline, prairie, savanna, and other habitat for both human and animal benefit.
- **Terrestrial and Aquatic Habitat Restoration, Enhancement, and Improvement ~\$2.4 million**
Restoration, enhancement, and improvement activities on an estimated 4,898 acres and 4.4 miles of shoreline. Activities performed will include seed collection, prescribed burns, soil preparation, native vegetation installation, structural improvements, woody encroachment removal, and invasive species control.
- **Parks and Trails Acquisition: ~\$6.4 million**
Acquisition of an estimated 1,010 acres in state parks, state trails, and metropolitan and non-metropolitan regional parks and trails.
- **Parks and Trails Operations and Improvements: ~\$4.9 million**
Operations and infrastructure improvements in state parks, state recreation areas, and regional parks and trails, including day use facilities, campgrounds, and recreational trails.
- **Natural Resource Research and Analysis: ~\$3.6 million**
Research and analysis projects that will advance our knowledge about and provide recommendations for addressing issues relating to species protection, decline, and recovery; ecosystem conservation and restoration; biomass harvesting and bioenergy options; water quality and conservation; and invasive species.
- **Environmental Education, Outreach, Demonstration, and Technical Assistance: ~\$4.1 million**
Environmental education, outreach, demonstration, and technical assistance efforts that will educate Minnesotans on topics including renewable energy and energy conservation, water quality and conservation, environmental science and ecology, wildlife and natural history, and outdoor recreation; demonstrate options for energy efficiency and sustainability; and provide training and technical assistance on renewable energy and natural resource conservation and management tools, practices, and options.
- **Contract Management: ~\$0.2 million**
DNR contract management for projects of non-state entities.
- **Administration: ~\$9 million**
FY 2012-2013 LCCMR administration

% OF EXPECTED OUTCOMES ACROSS SUBDIVISIONS



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