



Department of Natural Resources

Division of Ecological Resources

FY 2010-11 Biennial Budget

Environment, Energy, and Natural Resources Budget Division

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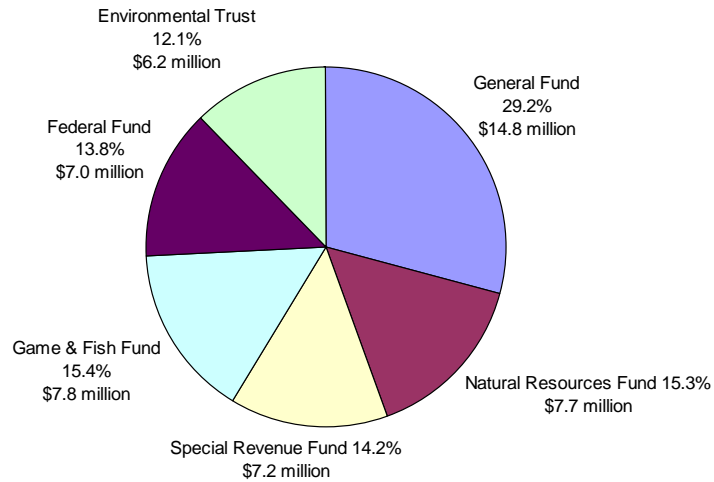
Presentation Outline

- Ecological Resources – Budget and Critical Trends
- Strategic Objectives
- Priority Outcomes, Measures, and FY 2010-11 Change Items



DNR Ecological Resources

**FY2008-09 Ecological Resources Budgeted Expenditures
\$50.7 million**



DNR Ecological Resources

- Serves -

- Current and future generations by protecting and restoring native plant and wildlife habitat through inventory, research, and management.
- Local governments, communities, businesses, lake associations, and private landowners by providing technical assistance, grants, and information to assist decision-making, restoration, and management.





DNR Ecological Resources

- *Overarching Strategies to Address Landscape Changes* -

- Encourage development that conserves natural resources.
- Promote integrated approaches to manage land and water resources across all ownerships.
- Re-design the delivery of conservation services and promote effective regulatory tools.



DNR Ecological Resources

- *Strategic Objectives* -

- Nongame and Rare Resources
- Lakes and Rivers
- Ecosystem Health
- Integrated Conservation Information

Nearly 2 million Minnesotans actively watch, feed, or photograph wildlife—a 54% participation rate. Minnesota ranks 2nd in the nation.





DNR Ecological Resources

Strategic Objective 1: Nongame and Rare Resources

Protect and manage Minnesota's biological diversity (nongame wildlife and native plant communities), with an emphasis on rare and declining resources.

Supporting Programs:

- Natural Heritage
- Scientific and Natural Areas
- Nongame Wildlife
- County Biological Survey

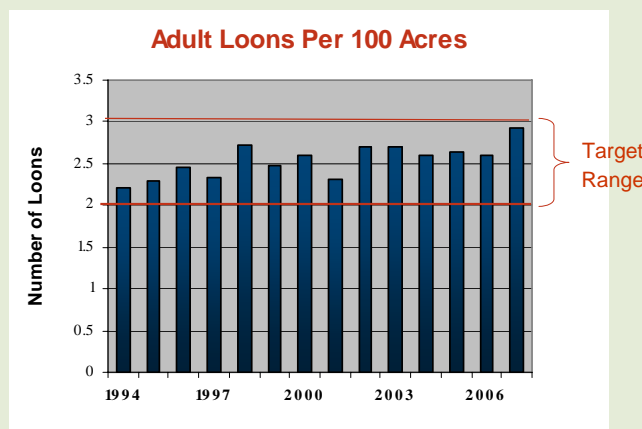


DNR provides technical assistance and natural features information to local communities



DNR Ecological Resources

- Priority Outcomes and Measures -



CY 2007 Result: 2.93 loons per 100 acres of lake in the Aitkin/Crow Wing area

CY Target: 2 – 3 loons per 100 acres of lake in the Aitkin/Crow Wing area



DNR Ecological Resources

Strategic Objective 2: Lakes and Rivers

Conserve Minnesota's lakes, rivers, and shoreland resources with emphasis on systems ecology, instream resources, aquatic plants, aquatic invertebrates, and nongame fish.

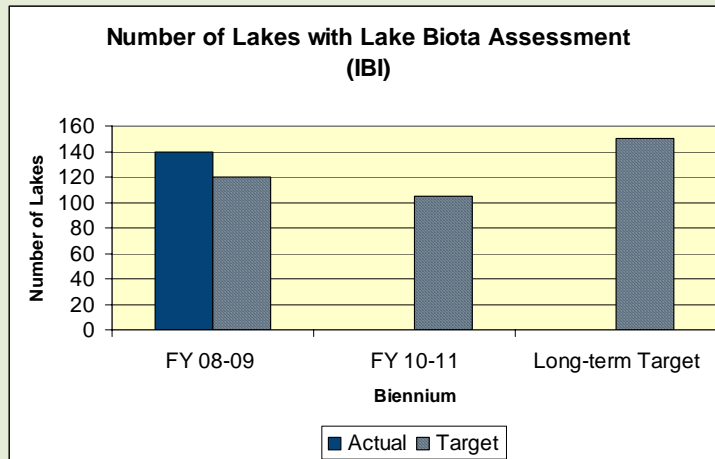
Supporting Programs:

- Stream Habitat Protection
- Lake Habitat Protection
- Clean Water Legacy
- Aquatic Plants
- Nongame Fish
- Aquatic Invertebrates
- Mississippi River Management



DNR Ecological Resources

- Priority Outcomes and Measures -



FY10-11 Target: Conduct IBI Lake Biota Assessment in 105 lakes over the biennium.

Long-term Target: Conduct IBI Lake Biota Assessment in 75 lakes per year.

This target allows all lakes >500 acres to be assessed once every 10 years.



DNR Ecological Resources

- Change Item -

Clean Water Fund - Clean Water Legacy (\$1.058 million FY2010; \$1.601 million FY2011)

Expected Outcomes

- Total Maximum Daily Load (TMDL) planning and development
 - Technical assistance and implementation, watershed assessment tool
- Water quality assessments and monitoring
 - Biological indicators, fish tissue mercury
- Restoration and protection of critical shorelands
 - Shoreland stewardship and management tools



DNR Ecological Resources

Strategic Objective 3: Ecosystem Health

Monitor, assess, and reduce the impacts of threats to Minnesota's natural resources from harmful invasive species, contaminants, fish diseases, and hazardous material spills.

Supporting Programs:

- Invasive Species
- Fish Contaminants
- Pathology Lab
- Natural Resources Damage Assessment



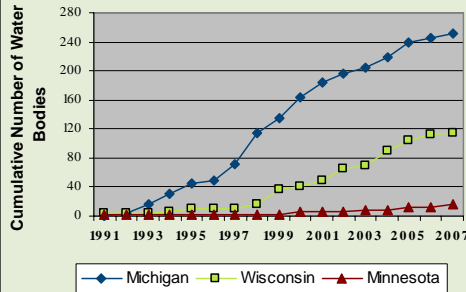


DNR Ecological Resources

- *Priority Outcomes and Measures* -

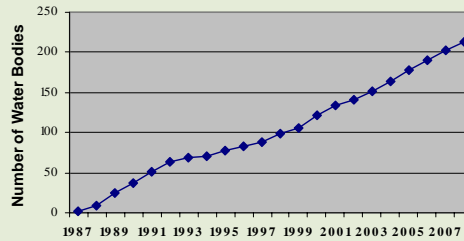
Limit spread of existing invasive species and prevent introduction of new invasive species

Number of Water Bodies with Zebra Mussels in the Upper Great Lakes States



Target: Prevent spread of zebra mussels to waters not connected to previous infestations

Cumulative Number of Water Bodies where Eurasian Watermilfoil is Known to Occur



Target: Limit the rate of spread of Eurasian watermilfoil to no more than 10 new waterbodies per year; initiate grant programs to help local entities prevent and manage invasive species



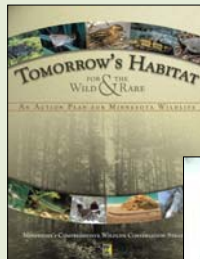
DNR Ecological Resources

Strategic Objective 4: Integrated Conservation Information

Manage an up-to-date information system, interpret ecological data, develop management tools, and deliver educational products to targeted audiences that inform land use planning, guide resource decisions, and influence long-term conservation of Minnesota's natural resources.

Supporting Programs:

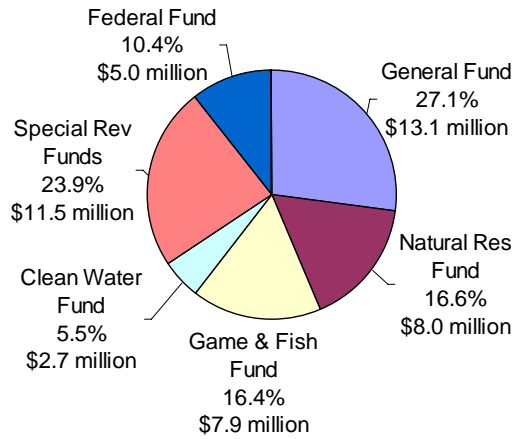
- Environmental Review and Wetlands
- Information Systems
- Education and Information Delivery
- Planning and Coordination





DNR Ecological Resources

**FY 2010-11 Governor's Recommendation
Ecological Resources
\$48.2 million**



DNR Ecological Resources

Ecological Resources			
	General Fund	Other Funds	Total
Current Spending	13,060	32,432	45,492
Governor's Initiatives:			
Clean Water Legacy		2,659	2,659
Total Governor's Initiatives:		2,659	2,659
Ecological Resources	13,060	35,091	48,151

