M.L. 2023 Environment and Natural Resources Trust Fund (ENRTF)
LCCMR Appropriations for FY 2024

On May 18, 2023, the Legislature approved 85 projects for funding from the Environment and Natural Resources Trust Fund (ENRTF) and the Great Lakes Protection Account (GLPA), as recommended by the Legislative-Citizen Commission on Minnesota Resources (LCCMR). The Legislature also added one additional appropriation using unspent funds from a previous project. On May 24, 2023, the 86 appropriations were signed into law by the Governor as M.L. 2023, Chapter 60, Article 2, with $79,644,000 from the ENRTF, $176,000 recaptured from a prior fiscal year, and $189,000 from the GLPA, for $80,009,000 in total appropriations.

Topic Area	FY2024 ENRTF $	Great Lakes Protection Account	Total ENRTF $ Appropriated	Percentage of Total Appropriation
Subd. 03 Foundational Natural Resource Data and Information 19 Appropriations	$8,219,000	$0	$8,219,000	10.30%
Subd. 04 Water Resources 13 Appropriations	$8,139,000	$189,000	$8,328,000	10.43%
Subd. 05 Environmental Education 8 Appropriations	$3,905,000	$0	$3,905,000	4.89%
Subd. 06 Aquatic and Terrestrial Invasive Species 2 Appropriations	$5,104,000	$0	$5,104,000	6.39%
Subd. 07 Air Quality, Climate Change, and Renewable Energy 6 Appropriations	$3,913,000	$0	$3,913,000	4.90%
Subd. 08 Methods to Protect or Restore Land, Water, and Habitat 18 Appropriations	$15,997,000	$0	$15,997,000	20.04%
Subd. 09 Land Acquisition, Habitat, and Recreation 15 Appropriations	$31,241,000	$0	$31,241,000	39.13%
Subd. 10 Administration, Emerging Issues, and Contract Agreement Reimbursement 4 Appropriations	$3,126,000	$0	$3,126,000	3.92%
Subd. 19 Repurpose 1 Appropriation	$0	$0	$0	0.00%
Total Appropriations	**$79,644,000**	**$189,000**	**$79,833,000**	**100.00%**

Fund Source	$ Amount
FY 2024 - Environment and Natural Resources Trust Fund (ENRTF)	**$79,644,000**
Great Lakes Protection Account (GLPA)	**$189,000**
REPURPOSE FROM - Restoring Upland Forests for Birds M.L. 2021, First Special Session, Chp.6, Art.6, Sec. 2, Subd. 08f	**-$176,000**
REPURPOSE TO - Neonicotinoid Impacts on Minnesota Deer and Prairie Chickens	**$176,000**
Total $	**$79,833,000**

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Subd.	Proposal ID	Title	Summary	Organization	Project Manager	FY2024 ENRTF $	Great Lakes Protection Account	Total ENRTF $ Appropriated	Region*
Subd. 03 Foundational Natural Resource Data and Information (19 Appropriations = $8,219,000)									
03a	2023-044	Assessing Restorations for Rusty-Patched and Other Bumblebee Habitat	Using two prairie restorations, we will investigate how common restoration variables affect bumblebee habitat suitability by conducting bumblebee surveys and assessing nesting and foraging habitat in restored and remnant prairies.	Friends of the Mississippi River	Alex Roth	$75,000	$0	$75,000	Metro
03b	2023-066	Removing Barriers to Carbon Market Entry	Carbon markets incentivize carbon sequestration, but significant cost-barriers exist for landowner participation. Leveraging remotely sensed data, cost-effective fieldwork, and robust modeling will enable climate-smart activities that benefit all Minnesotans.	U of MN, College of Food, Agricultural and Natural Resource Sciences	John Zobel	$482,000	$0	$482,000	Statewide
03c	2023-072	Mapping Migratory Bird Pit Stops in Minnesota	Identifying avian migratory stopover sites to provide foundational information necessary for the conservation of migratory birds.	Audubon Minnesota	Dale Gentry	$340,000	$0	$340,000	Statewide
03d	2023-086	Enhancing Knowledge of Minnesota River Fish Ecology	Collect baseline information about lower trophic fish diets, the distribution and status of rare benthic fishes, and the movement patterns of large river fishes in the Minnesota River.	MN DNR, Fish and Wildlife Division	Anthony Sindt	$199,000	$0	$199,000	Metro, SE, SW
03e	2023-090	Changing Distribution of Flying Squirrel Species in Minnesota	We will determine the current distribution and habitat associations of northern and southern flying squirrels to fill key knowledge gaps in flying squirrel status in Minnesota.	U of MN, Duluth - NRRI	Michael Joyce	$186,000	$0	$186,000	Statewide
03f	2023-092	Statewide Forest Carbon Inventory and Change Mapping	Accurate inventories are needed to facilitate carbon market entry for forestland owners. An estimated 1,000 plot-based inventories will be collected from private forestland to expand all-lands LiDar forest inventory statewide.	MN DNR, Forestry Division	David Wilson	$987,000	$0	$987,000	Statewide
03g	2023-120	Predicting the Future of Aquatic Species by Understanding the Past	We will predict the ranges of native aquatic species in Minnesota using recently available high quality datasets and information on past and present ranges coupled with powerful statistical techniques.	U of MN, College of Food, Agricultural and Natural Resource Sciences	Lynn Waterhouse	$170,000	$0	$170,000	Statewide
03h	2023-139	Assessing Status of Common Tern Populations in Minnesota	Common Tern populations across inland North America are significantly declining. Information on the status of breeding colonies in Minnesota is necessary to prioritize conservation and restoration actions.	U of MN, Duluth - NRRI	Annie Bracey	$199,000	$0	$199,000	Statewide
03i	2023-146	Salvaged Wildlife to Inform Environmental Health, Ecology, and Education	Establish a statewide network to collect, analyze, and archive salvaged dead wildlife and build a foundation of biodiversity resources to track ecosystem-wide changes, monitor environmental health, and promote public education.	U of MN, Bell Museum of Natural History	Sushma Reddy	$486,000	$0	$486,000	Statewide
03j	2023-154	Developing Conservation Priorities for Rare and Specialist Bees	We will collect data on occupancy and range of rare pollen specialized bees and their habitat preference to determine status and conservation strategies	U of MN, College of Food, Agricultural and Natural Resource Sciences	Daniel Cariveau	$619,000	$0	$619,000	Statewide
03k	2023-169	Efficacy of Urban Archery Hunting to Manage Deer	Several municipalities across Minnesota conduct special deer hunts within city-limits, but the efficacy is unknown. An analysis of deer survival and habitat use will improve management practices in these regions.	Minnesota State Colleges and Universities, Bemidji State University	Jacob Haus	$393,000	$0	$393,000	NW
03l	2023-183	Mapping the Ecology of Urban and Rural Canids	We will determine how disease prevalence, diet, habitat use, and inter-species interactions of coyote and red fox populations change from urban to rural areas along the Mississippi River corridor.	U of MN, College of Food, Agricultural and Natural Resource Sciences	James Forester	$601,000	$0	$601,000	Central, Metro
03m	2023-186	Maximizing Lowland Conifer Ecosystem Services - Phase II	Continue monitoring forested peatland network for hydrology and wildlife including a new species, bog lemming. Add measures to quantify above and below ground carbon by age and forest type.	U of MN, College of Food, Agricultural and Natural Resource Sciences	Marcella Windmuller-Campione	$482,000	$0	$482,000	Central, NE, NW

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03n	2023-209	Modernizing Minnesota's Wildlife (and Plant) Action Plan	Updating the Species in Greatest Conservation Need list through surveys, standardized assessments, and including rare plants for the first time to create v.3.0 of Minnesota's Wildlife Action Plan.	MN DNR, Ecological and Water Resources Division	Kristin Hall	$889,000	$0	$889,000	Statewide
03o	2023-217	Linking Breeding and Migratory Bird Populations in Minnesota	Understand seasonal movements, population connectivity, and contaminant exposure of Minnesota's breeding and migrating birds to inform long-term conservation efforts.	Hawk Ridge Bird Observatory	Janelle Long	$199,000	$0	$199,000	Statewide
03p	2023-218	Old Growth Forest Monitoring	We will develop a method to monitor approximately 93,000 acres of protected old growth forest in Minnesota to ensure that these rare and important forest resources are properly protected.	MN DNR, Ecological and Water Resources Division	Emily Peters	$441,000	$0	$441,000	Statewide
03q	2023-222	Integrating Remotely Sensed Data with Traditional Forest Inventory	We will evaluate state-of-the-art LiDar technology's ability to provide stand-level summary statistics of forest resource measurements and how these data can be used to estimate ecosystem services.	U of MN, Duluth - NRRI	John Du Plissis	$191,000	$0	$191,000	NE
03r	2023-232	Community Response Monitoring for Adaptive Management in Southeast Minnesota	Project goal is to monitor species response at a community level, in order to determine if management actions increase biodiversity and build ecosystem resiliency as intended.	The Nature Conservancy	David Ruff	$483,000	$0	$483,000	SE
03s	2023-248	Minnesota Biodiversity Atlas - Phase III	We propose to expand the Minnesota Biodiversity Atlas, an online natural resource management tool, to include 2.5 million records by integrating expert observations and specimen records from multiple organizations.	U of MN, Bell Museum of Natural History	George Weiblen	$797,000	$0	$797,000	Statewide
					Subtotal =	**$8,219,000**	**$0**	**$8,219,000**	
Subd. 04 Water Resources (13 Appropriations = $8,328,000)									
04a	2023-004	Ditching Delinquent Ditches: Optimizing Wetland Restoration	Can we maximize native wetland restoration while minimizing impact on human land use? Evaluating the water-resources impact of targeted agricultural ditch removal on ecosystem restoration.	U of MN, College of Science and Engineering	Andrew Wickert	$199,000	$0	$199,000	Statewide
04b	2023-022	Assessment of Red River Basin Project Outcomes	Carry out multi-resource monitoring at flood damage reduction and natural resource enhancement projects across the Red River Basin to evaluate outcomes and improve design of future projects at regional scale.	Red River Basin Flood Damage Reduction Work Group	Andrew Graham	$920,000	$0	$920,000	NW
04c	2023-026	Wind Wave and Boating Impacts on Inland Lakes	Field study to measure the impacts of boat propeller wash and boat wakes on lake water quality, and compare them to the impacts of wind-waves.	U of MN, St. Anthony Falls Laboratory	Jeffrey Marr	$415,000	$0	$415,000	Statewide
04d	2023-063	Finding, Capturing, and Destroying PFAS in Minnesota Waters	Novel methods for the detection, sequestration, and degradation of poly- and perfluoroalkyl substances (PFAS) will be developed to address a pressing contamination issue in Minnesota's lakes and rivers.	U of MN, College of Science and Engineering	William Arnold	$478,000	$0	$478,000	Statewide
04e	2023-074	Sinking and Suspended Microplastic Particles in Lake Superior	Microplastics suspended in and sinking within Lake Superior waters will be compared to help determine source and fate. The flux of microplastics from water to sediment will be determined.	U of MN, Duluth - Large Lakes Observatory	Elizabeth Minor	$223,000	$189,000	$412,000	NE
04f	2023-107	Ecotoxicological Impacts of Quinone Outside Inhibitor (QoI) Fungicides	This work will provide a more comprehensive assessment of the ecological hazards associated with quinone outside inhibitor (QoI) fungicides and their major environmental transformation products.	University of St. Thomas	Kristine Wammer	$279,000	$0	$279,000	Statewide

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04g	2023-129	Brightsdale Dam Channel Restoration	Restore the channel of the North Branch Root River at the site of a former hydropower dam that failed and was removed in 2003.	Fillmore County Soil and Water Conservation District	Riley Buley	$1,004,000	$0	$1,004,000	SE
04h	2023-134	Mapping Aquifer Recharge Potential	We develop a practical tool for mapping aquifer recharge potential; demonstrate it with laboratory and field tests; and use it to evaluate the recharge potential of several aquifers in Minnesota.	U of MN, St. Anthony Falls Laboratory	Peter Kang	$391,000	$0	$391,000	Statewide
04i	2023-137	ALASD's Chloride Source Reduction Pilot Program	The project reduces salt pollution in three impaired lakes in the Alexandria area via an innovative source reduction strategy that protects water quality and could serve as a replicable model.	Alexandria Lake Area Sanitary District (ALASD)	Scott Gilbertson	$764,000	$0	$764,000	Central
04j	2023-215	Removing CECs from Stormwater with Biofiltration	This project will optimize a treatment practice design for removing contaminants of emerging concern (CECs) from stormwater runoff using biofiltration media. Guidance will be developed for stormwater managers statewide.	U of MN, St. Anthony Falls Laboratory	Andy Erickson	$641,000	$0	$641,000	Metro
04k	2023-237	Didymo II The North Shore Threat Continues	Didymo or rock snot has invaded our North Shore streams. We must prevent its further spread and adapt our management approaches to this new invader.	Science Museum of Minnesota, St. Croix Watershed Research Station	Mark Edlund	$394,000	$0	$394,000	NE
04l	2023-238	Leveraging Data Analytics Innovations for Watershed District Planning	Integrating local and statewide datasets into a 21st-century planning tool, widely called for by our communities, that forecasts the impacts of changing precipitation patterns and quantitatively compares cost-effective solutions.	Minnehaha Creek Watershed District	Brian Beck	$738,000	$0	$738,000	Statewide
04m	2023-247	Protecting Water in the Central Sands Region of the Mississippi River Headwaters	Enormous growth in irrigated agriculture in Minnesota's Mississippi Headwaters/Central Sands has occurred without assessment of water resource impacts. This project will assess aggregate irrigation water quality and quantity impacts.	White Earth Band of Minnesota Chippewa Indians	Jamie Konopacky	$1,693,000	$0	$1,693,000	Central
					Subtotal =	**$8,139,000**	**$189,000**	**$8,328,000**	
Subd. 05 Environmental Education (8 Appropriations = $3,905,000)									
05a	2023-008	Fostering Conservation by Connecting Students to the BWCA	Friends of the Boundary Water Wilderness will connect over 10,000 Minnesota youth to the Boundary Waters through state standards-aligned environmental education, experiential learning, and multi-day wilderness canoe trips.	Friends of the Boundary Waters Wilderness	Alison Nyenhuis	$1,080,000	$0	$1,080,000	Statewide
05b	2023-051	Statewide Environmental Education via PBS Outdoor Series	Pioneer PBS will produce 26 new episodes of a statewide television series designed to inspire Minnesotans to connect with the outdoors and to restore and protect our valuable natural resources.	Pioneer PBS	Cindy Dorn	$391,000	$0	$391,000	Statewide
05c	2023-062	Increasing Diversity in Environmental Careers	This collaborative project creates a college to workforce pathway for underrepresented students interested in pursuing natural resources careers by reducing barriers that inhibit successful educational attainment.	MN DNR, Operational Services Division (OSD)	Mimi Daniel	$763,000	$0	$763,000	Statewide
05d	2023-167	Reducing Biophobia & Fostering Environmental Stewardship in Underserved Schools	The Raptor Center proposes to foster long-lasting environmental stewardship and literacy in Minnesota youth in underserved schools through providing engaging, multi-unit, standards-based environmental curriculum programming featuring positive interactions with raptors.	U of MN, Raptor Center	Victoria Hall	$180,000	$0	$180,000	Statewide
05e	2023-185	Sharing Minnesota's Biggest Environmental Investment	The Science Museum of Minnesota will relay the results of LCCMR-funded research to public audiences; dissemination will include a free online interactive map, in-depth videos, and public events.	Science Museum of Minnesota	Joy Hobbs	$628,000	$0	$628,000	Statewide

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05f	2023-201	North Shore Private Forestry Outreach and Implementation	The North Shore Forest Collaborative (via Sugarloaf) seeks to contract foresters to perform a concerted private land forestry outreach to restore ecological health to Minnesota's North Shore forest landscape.	Sugarloaf: The North Shore Stewardship Association	Molly Thompson	$375,000	$0	$375,000	NE
05g	2023-223	Teaching Students about Watersheds through Outdoor Science	Hands-on learning outdoors will focus on water quality, groundwater, aquatic life and students' role as watershed stewards. Angling and volunteer opportunities for students and families will foster a conservation ethic.	Minnesota Trout Unlimited	John Lenczewski	$290,000	$0	$290,000	Statewide
05h	2023-229	Bioblitz Urban Parks: Engaging Communities in Scientific Efforts	MPRB will work strategically with allies and volunteers to collect baseline biodiversity data for urban parks to inspire stewardship and inform habitat restoration work.	Minneapolis Park and Recreation Board	MaryLynn Pulscher	$198,000	$0	$198,000	Metro
					Subtotal =	**$3,905,000**	**$0**	**$3,905,000**	
Subd. 06 Aquatic and Terrestrial Invasive Species (2 Appropriations = $5,104,000)									
06a	2023-153	Northward Expansion of Ecologically Damaging Amphibians and Reptiles	American bullfrogs and Red-eared sliders are non-native predators and competitors in Minnesota's native fish communities.This research will assess the distribution and potential for expansion of these species in Minnesota.	U of MN, College of Food, Agricultural and Natural Resource Sciences	Kenneth Kozak	$163,000	$0	$163,000	Statewide
06b	2023-176	Developing Research-Based Solutions to Minnesota's AIS Problems	MAISRC will launch 18-24 high-priority projects aimed at solving Minnesota's AIS problems using a rigorous, prioritized, and collaborative process. Results will be delivered to end-users through strategic communication and outreach.	U of MN, MAISRC	Cori Mattke	$4,941,000	$0	$4,941,000	Statewide
					Subtotal =	**$5,104,000**	**$0**	**$5,104,000**	
Subd. 07 Air Quality, Climate Change, and Renewable Energy (6 Appropriations = $3,913,000)									
07a	2023-013	Community Forestry AmeriCorps	Over three years, we will train, deploy, and support 150 members to build more resilient ecosystems in communities statewide. Members will focus on planting trees and conducting tree inventories.	ServeMinnesota	Sharon Delcambre	$1,500,000	$0	$1,500,000	Statewide
07b	2023-043	Biochar Implementation in Habitat Restoration: A Pilot	Great River Greening will pilot the Implementation of portable biochar kilns in natural resource management and restoration as a reduced carbon-emitting, biologically beneficial alternative to open pile burning when managing invasive tree and shrub species.	Great River Greening	Todd Rexine	$185,000	$0	$185,000	Central, Metro, SE
07c	2023-101	Completing Installment of the Minnesota Ecological Monitoring Network	The Ecological Monitoring Network will install the final 250 plots. Data are needed to understand how climate change is impacting Minnesota and identify resilient natural lands for conservation or enhancement.	MN DNR, Ecological and Water Resources Division	Holly Bernardo	$1,094,000	$0	$1,094,000	Statewide
07d	2023-152	Lichens as Low-Cost Air Quality Monitors in Minnesota	The proposed project aims to develop protocols for using lichens as indicators of air quality data across Minnesota and through time.	U of MN, College of Biological Sciences	Natalia Mossmann Koch	$341,000	$0	$341,000	Statewide
07e	2023-171	Environment-Friendly Decarbonizing of Steel Production with Hydrogen Plasma	Conventional iron-making requires massive amounts of fossil fuels and generates significant waste and CO2 emissions. Our microwave hydrogen plasma iron-making eliminates fossil fuel use and CO2 emissions while reducing waste.	U of MN, College of Science and Engineering	Uwe Kortshagen	$739,000	$0	$739,000	Statewide
07f	2023-240	Economic Analysis Guide for Minnesota Climate Investments	Develop an economic analysis guide of the best practices, tools, and methodologies to include climate economics, including the incorporation of costs and benefits, into Minnesota climate policy decisions.	Minnesota Pollution Control Agency	David Bael	$54,000	$0	$54,000	Statewide
					Subtotal =	**$3,913,000**	**$0**	**$3,913,000**	
Subd. 08 Methods to Protect or Restore Land, Water, and Habitat (18 Appropriations = $15,997,000)									

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08a	2023-006	Minnesota Bee and Beneficial Species Habitat Enhancement II	This proposal seeks to enhance grassland habitats to benefit pollinators and other species on permanently protected lands. Research on enhanced sites will be conducted by the U of MN.	Pheasants Forever Inc.	Sabin Adams	$876,000	$0	$876,000	Statewide
08b	2023-010	Karner Blue Butterfly Insurance Population Establishment in Minnesota	To establish a breeding insurance population of Karner Blue Butterflies for climate mitigation in a restored prairie/savanna at Crow-Hassan Park and assess the quality of habitat on butterfly populations.	Three Rivers Park District	John Moriarty	$405,000	$0	$405,000	Metro
08c	2023-025	Root River Habitat Restoration at Eagle Bluff	The Root River Restoration project is 3,300 linear feet of stream bank and instream habitat restoration located within Eagle Bluff and state owned land north of Lanesboro, Minnesota.	Eagle Bluff Environmental Learning Center	Colleen Foehrenbacher	$866,000	$0	$866,000	SE
08d	2023-060	Restoring Mussels in Streams and Lakes - Continuation	Restoring native mussel assemblages can improve water quality and ecological health of rivers. Mussel filter water, purifying and improving water clarity by removing particles and contaminants like *E. coli* bacteria.	MN DNR, Ecological and Water Resources Division	Madeline Pletta	$825,000	$0	$825,000	Statewide
08e	2023-061	Minnesota Million: Seedlings for Reforestation and CO2 Sequestration	A grower network will raise tree seedlings so that we have enough to conduct widespread reforestation in Minnesota to improve carbon sequestration, wildlife habitat, watershed resilience, and create economic opportunity.	U of MN, Duluth	Julie Etterson	$906,000	$0	$906,000	Statewide
08f	2023-080	Panoway on Wayzata Bay Shoreline Restoration Project	This project will feature an underwater wave break to create a buffer that will restore, enhance and protect Lake Minnetonka shoreline, using innovative and replicable technologies to improve the ecosystem.	City of Wayzata	Nick Kieser	$200,000	$0	$200,000	Metro
08g	2023-105	Pollinator Central III: Habitat Improvement with Community Monitoring	Small phase promoting the restoration and enhancement of 29 acres of pollinator habitat on 4 new sites, with community engagement and education through public planting and pollinator monitoring events.	Great River Greening	Rebecca Tucker	$190,000	$0	$190,000	Metro
08h	2023-117	Restoring Forests and Savannas Using Silvopasture - Phase II	Demonstrate, evaluate, and increase adoption of silvopasture - the combined use of tree, forage, and grazing management - as a method to restore and manage forests and savannas across Minnesota.	Great River Greening	Brad Gordon	$674,000	$0	$674,000	Statewide
08i	2023-135	Minnesota Community Schoolyards	Minnesota Community Schoolyards will create at least 24 nature-focused habitat improvement projects at schoolyards across the state; engage students and the community in environmental stewardship; and encourage outdoor learning.	The Trust for Public Land	Eric Weiss	$1,433,000	$0	$1,433,000	Statewide
08j	2023-136	Pollinator Enhancement and Mississippi River Shoreline Restoration	This restoration project will restore native prairie, support pollinator plantings, and stabilize a large section of streambank along the Mississippi River.	Department of Military Affairs	Josh Pennington	$187,000	$0	$187,000	Central
08k	2023-142	Conservation Cooperative for Working Lands	Increasing federal conservation dollars coming to Minnesota by expanding technical expertise for working lands programs available to landowners. This project enhances our natural resources providing public benefits for every Minnesotan.	Pheasants Forever Inc.	Tanner Bruse	$2,611,000	$0	$2,611,000	Statewide
08l	2023-177	Quantifying Environmental Benefits of Peatland Restoration in Minnesota	We will quantify the capacity of restored peatlands to store and accumulate atmospheric carbon and their capacity to prevent release of accumulated mercury into streams, rivers, and lakes.	U of MN, College of Food, Agricultural and Natural Resource Sciences	Christian Lenhart	$754,000	$0	$754,000	NE, NW
08m	2023-181	Renewing Access to an Iconic North Shore Vista	We seek to renew access to one of Minnesota's most iconic vistas, the Bean and Bear Lakes section of the Superior Hiking Trail, using national trail design best practices.	Superior Hiking Trail Association	Lisa Luokkala	$197,000	$0	$197,000	NE

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08n	2023-189	Addressing Erosion Along High Use River Loops	Rehabilitate and renew popular river loops of the Trail for a more resilient future to withstand high visitor use and serve Minnesotans for years to come.	Superior Hiking Trail Association	Lisa Luokkala	$368,000	$0	$368,000	NE
08o	2023-211	Pollinator Habitat Creation at Minnesota Closed Landfills	Create the maximum acres of pollinator habitat at five Closed Landfill Program sites. These sites will act as pilot projects to inform future pollinator habitat reconstruction projects in the program.	Minnesota Pollution Control Agency	Eric Pederson	$1,508,000	$0	$1,508,000	Statewide
08p	2023-212	Enhancing Habitat Connectivity within the Urban Mississippi Flyway	A pilot project that will enhance connectivity within the Mississippi Flyway by linking urban neighborhood parks to the Mississippi River through restoration and implementation of identified habitat corridors.	Minneapolis Park and Recreation Board	Adam Arvidson	$190,000	$0	$190,000	Metro
08q	2023-219	Statewide Diversion of Furniture and Mattress Waste Pilots	Divert the growing problem of furniture disposal and implement test methods in collaboration with local governments to expand mattress and furniture recycling efforts. Reduce demand for new landfills. Create jobs.	EMERGE Community Development	Shawn Dolan	$2,833,000	$0	$2,833,000	Statewide
08r	2023-250	Phelps Mill Wetland and Prairie Restoration	Restoration of 28 acres of prairie and 20 acres of wetland along 3/4 miles of the Otter Tail River.	Otter Tail County	Nicholas Leonard	$974,000	$0	$974,000	Central
					Subtotal =	**$15,997,000**	**$0**	**$15,997,000**	
Subd. 09 Land Acquisition, Habitat, and Recreation (15 Appropriations = $31,241,000)									
09a	2023-028	SNA Stewardship, Outreach, and Biodiversity Protection	Scientific and Natural Area (SNA) habitat restoration/enhancement (500+ acres), increased public involvement, and strategic acquisition (50+ acres) will conserve Minnesota's most unique places and rare species for everyone's benefit.	MN DNR, Ecological and Water Resources Division	Judy Schulte	$1,919,000	$0	$1,919,000	Statewide
09b	2023-032	Wannigan Regional Park Land Acquisition	Acquire 174.55 acres for river corridor conservation and future development of Wannigan Regional Park, where the Heartland State, North Country National, and Otter Tail River Water Trails will meet.	City of Frazee	Stephanie Poegel	$727,000	$0	$727,000	NW
09c	2023-039	Local Parks, Trails, and Natural Areas Grant Programs	Provide approximately 19 matching grants for local parks, trails, and acquisition of natural areas and trails to connect people safety to desirable community locations and regional or state facilities.	MN DNR, State Parks and Trails Division	Audrey Mularie	$3,802,000	$0	$3,802,000	Statewide
09d	2023-064	Outreach and Stewardship Through the Native Prairie Bank Program	Prairie outreach and technical assistance will be provided to landowners, practitioners, and the public. Native prairie enhancement and monitoring activities will be implemented on existing Native Prairie Bank Easements.	MN DNR, Ecological and Water Resources Division	Judy Schulte	$620,000	$0	$620,000	Central, NW, SW
09e	2023-081	Minnesota State Trails Development	This project proposes to expand recreational opportunities on Minnesota State Trails through the rehabilitation and enhancement of existing state trails and replacement or repair of existing state trail bridges.	MN DNR, State Parks and Trails Division	Kent Skaar	$4,952,000	$0	$4,952,000	Statewide
09f	2023-091	Construction of East Park	Complete the first phase of East Park along the Sauk River in St. Joseph, including a canoe/kayak access, floating dock, paved and mowed trails, and parking/entrance enhancements.	City of St. Joseph	Nate Keller	$700,000	$0	$700,000	Central
09g	2023-110	Scandia Gateway Trail to William O'Brien State Park	Complete construction-ready Gateway State Trail segment between Scandia Village Center and William O'Brien State Park with highway tunnel and trailhead parking lot on ROW already acquired by DNR.	City of Scandia	Kyle Morell	$2,689,000	$0	$2,689,000	Metro

M.L. 2023 Environment and Natural Resources Trust Fund (ENRTF)
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Subd.	Proposal ID	Title	Summary	Organization	Project Manager	FY2024 ENRTF $	Great Lakes Protection Account	Total ENRTF $ Appropriated	Region*
09h	2023-147	Grand Marais Mountain Bike Trail Rehabilitation - Phase II	Rehabilitate existing mountain bike trail to increase environmental sustainability through best trail building practices and to provide better user access through modifications allowing adaptive cycling opportunities.	Superior Cycling Association	Paul Nordlund	$200,000	$0	$200,000	NE
09i	2023-148	Acquisition of State Parks and Trails Inholdings	Acquire top priority in-holdings within legislatively established boundaries of Minnesota's 75 State Parks and State Recreation Areas and 26 State Trails from willing sellers.	MN DNR, State Parks and Trails Division	Shelby Kok	$5,425,000	$0	$5,425,000	Statewide
09j	2023-172	St. Louis River Re-Connect - Phase II	Acquire, preserve, and enhance strategic quality natural resources and expand outdoor recreational access to the St. Louis River through additions and connections to state, regional, and local parks and trails.	City of Duluth	Cliff Knettel	$1,375,000	$0	$1,375,000	NE
09k	2023-207	City of Biwabik Recreation	Reconstruction & renovation of amenities and multi-modal pathways to, and within, the Biwabik Recreation Area which consists of the city campground, beach, boat access, fishing pier, and walking/biking trails.	City of Biwabik	Jeff Jacobson	$1,306,000	$0	$1,306,000	NE
09l	2023-210	Silver Bay Multimodal Trailhead Project	Development of a Multi-Modal Trailhead Center that provides ample parking, safe access to non-motorized and motorized trails, a multi-use building with lavatories/showers, picnic/playgrounds, and conveniently located.	City of Silver Bay	Lana Fralich	$1,970,000	$0	$1,970,000	NE
09m	2023-213	Above the Falls Regional Park Restoration Planning and Acquisition	This project would acquire industrial acreage from willing sellers along the Mississippi River within the Above the Falls Regional Park.	Minneapolis Park and Recreation Board	Adam Arvidson	$1,376,000	$0	$1,376,000	Metro
09n	2023-231	Redhead Mountain Bike Park	The Redhead Mountain Bike Park will add an additional 14 miles of trail and accommodations to Redhead Mountain Bike Trail System at the Minnesota Discovery Center in Chisholm, Minnesota.	Minnesota Discovery Center	Donna Johnson	$1,666,000	$0	$1,666,000	NE
09o	2023-249	Maplewood State Park Trail Segment of the Perham to Pelican Rapids Regional Trail	Construction of the Maplewood State Park Segment (4.2 miles) of the 32-mile Perham to Pelican Rapids Regional Trail that will connect the City of Pelican Rapids to Maplewood State.	Otter Tail County	Nicholas Leonard	$2,514,000	$0	$2,514,000	Central
					Subtotal =	**$31,241,000**	**$0**	**$31,241,000**	
Subd. 10 Administration, Emerging Issues, and Contract Agreement Reimbursement (4 Appropriations = $3,126,000)									
10a	2023-001	LCCMR Administrative Budget	LCCMR Administrative Budget	Legislative-Citizen Commission on Minnesota Resources	Becca Nash	$2,133,000	$0	$2,133,000	Statewide
10b	2023-002	Emerging Issues	2023 Emerging Issues	Legislative-Citizen Commission on Minnesota Resources	Becca Nash	$767,000	$0	$767,000	Statewide
10c	2023-073	Contract Agreement Reimbursement	Provide contract management to ENRTF pass-through appropriation recipients for approximately 115 open grants. Ensure funds are expended in compliance with appropriation law, state statute, grants policies, and approved work plans.	MN DNR, Grants Unit	Katherine Sherman-Hoehn	$224,000	$0	$224,000	Statewide
10d	2023-255	Legislative Coordinating Commission Legacy Website	For the website required in Minnesota Statutes, section 3.303, subdivision 10	Legislative Coordinating Commission	Sally Olson	$2,000	$0	$2,000	Statewide
					Subtotal =	**$3,126,000**	**$0**	**$3,126,000**	
Subd. 19 Repurpose (1 Appropriation = $176,000)									

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---	---	FROM - Restoring Upland Forests for Birds M.L. 2021, First Special Session, Chp.6, Art.6, Sec. 2, Subd. 08f				($176,000)	$0	($176,000)	Statewide
19	---	TO - Neonicotinoid Impacts on Minnesota Deer and Prairie Chickens		MN DNR, Fish and Wildlife Division	Michelle Carstensen	$176,000	$0	$176,000	Statewide
					Subtotal =	**$0**	**$0**	**$0**	
					Total =	**$79,644,000**	**$189,000**	**$79,833,000**	

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