

**M.L. 2025 Environment and Natural Resources Trust Fund (ENRTF)
LCCMR Recommendations for FY 2026 without Summary**

Subd.	Proposal ID	Title	LCCMR Total Recommended Amount (FY26)	Organization	Project Manager	Region*
Subd. 03 Foundational Natural Resource Data and Information (36 Recommendations = \$22,084,000)						
03a	2025-009	Fond du Lac Deer Study - Phase 1	\$1,441,000	Minnesota State Colleges and Universities, Bemidji State University	Jacob Haus	NE
03b	2025-046	Are All Walleye Created Equal? Probably Not.	\$298,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Nicholas Phelps	Statewide
03c	2025-053	Deer Survival Within Minnesota's Densest Wolf Population	\$809,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Joseph Bump	Central, NE, NW
03d	2025-063	Evaluating Anticoagulant Rodenticide Exposure in Minnesota's Carnivores	\$247,000	U of MN, Duluth - NRRRI	Michael Joyce	Statewide
03e	2025-070	Digitizing the Science Museum of Minnesota's Mollusk Specimens	\$386,000	Science Museum of Minnesota	Catherine Early	Statewide
03f	2025-075	Integrating Wildlife Objectives in Long-Term Forest Management Planning	\$316,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Irene De Pellegrin Llorente	Statewide
03g	2025-092	Surveying Minnesota's Secretive Marsh Birds	\$413,000	Audubon Minnesota	Dale Gentry	Statewide
03h	2025-093	Improving Conservation Outcomes for Imperiled Wood Turtles	\$242,000	Minnesota Zoological Garden	Tricia Markle	Statewide
03i	2025-111	Maximizing the Impact of Wildlife Movement Data	\$216,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	John Fieberg	Statewide
03j	2025-113	Expanding the Statewide Motus Wildlife Tracking Network	\$234,000	Minnesota Zoological Garden	Mary Mallinger	Statewide
03k	2025-115	Updating and Sharing Information on Minnesota's Tick Biodiversity	\$186,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Benjamin Cull	Statewide
03l	2025-123	Small-Mammals and Hunter Participation: Expanded Offal Wildlife Watching	\$563,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Joseph Bump	Statewide
03m	2025-127	Green Heron as an Indicator of Wetland-Dependent Species	\$424,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Elena West	Statewide
03n	2025-130	Visualizing Minnesota's Natural Resources with CT-Scanning	\$955,000	U of MN, Bell Museum of Natural History	Kassandra Ford	Statewide
03o	2025-151	Mapping Human-Carnivore Conflicts in Human-Dominated Landscapes	\$563,000	U of MN, Duluth - NRRRI	Michael Joyce	NE, NW
03p	2025-160	Geologic Atlases for Water Resource Management	\$1,260,000	U of MN, MN Geological Survey	Barbara Lusardi	Statewide
03q	2025-178	Leveraging Statewide Datasets for Native Rough Fish	\$250,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Grant Vagle	Statewide
03r	2025-180	The Impacts of Climate Change on Northeastern Minnesota	\$772,000	Friends of the Boundary Waters Wilderness	Chris Knopf	NE
03s	2025-188	Health and Disease Monitoring in Minnesota Wildlife	\$750,000	U of MN, Minnesota Veterinary Diagnostic Laboratory	Arno Wuenschmann	Statewide
03t	2025-215	Affordable Statewide Tracking of Forestry Fragmentation and Degradation	\$331,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Rui Cheng	Statewide
03u	2025-217	Safeguarding Bees While Monitoring Pollinators and Nesting Habitats	\$590,000	U of MN, College of Biological Sciences	Colleen Satyshur	Statewide

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03v	2025-222	Expanding the Application of Minnesota's Wetland Monitoring Data	\$312,000	MN DNR, Ecological and Water Resources Division	Amy Kendig	Statewide
03w	2025-239	Enhancing the Value of Minnesota Public Grasslands	\$390,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Eric Mousel	Statewide
03x	2025-241	Foundational Precision Agriculture Data to Reduce Environmental Impacts	\$1,255,000	U of MN, WCROC	Joel Tallaksen	Statewide
03y	2025-244	Continued Aggregate Resource Mapping	\$621,000	MN DNR, Lands and Minerals Division	Heather Arends	Statewide
03z	2025-247	Advancing Collaborative Wild Rice Monitoring Program Technologies	\$900,000	MN DNR, Ecological and Water Resources Division	Josh Knopik	Statewide
03aa	2025-250	Conserving Natural Resources by Advancing Forever Green Agriculture	\$2,146,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Mitchell Hunter	Statewide
03bb	2025-260	Minnesota's Priority Native Rough Fish: Gars and Bowfin	\$568,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Solomon David	Statewide
03cc	2025-280	Understanding to Improve Minnesota's Future Lake Water Quality	\$595,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Leif Olmanson	Statewide
03dd	2025-294	Operationalizing State Zooplankton Data to Support Lake Health	\$423,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Jake Walsh	Statewide
03ee	2025-295	Trialing Climate-Ready Woodland Trees in Urban Areas	\$255,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Alicia Coleman	Statewide
03ff	2025-304	Superior Shores: Protecting Our Great Lakes Coastal Habitats	\$675,000	Science Museum of Minnesota, St. Croix Watershed Research Station	Hailey Sauer	Statewide
03gg	2025-309	Recruitment and Fecundity of Minnesota Moose	\$2,007,000	MN DNR, Fish and Wildlife Division	Michelle Carstensen	Statewide
03hh	2025-311	Fighting Insect Decline: Minnesota Bumblebees to the Rescue	\$249,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Cristian Beza Beza	Statewide
03ii	2025-312	Trace Metals in Municipal Yard Waste and Compost	\$120,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Lucy Rose	Metro
03jj	2025-323	Chronic Wasting Disease Prions in Minnesota Waters	\$322,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Diana Karwan	Statewide
		SubTotal	\$22,084,000			
Subd. 04 Water Resources (23 Recommendations = \$11,812,000)						
04a	2025-010	Enhancing Our Resources-Rural Health and Drinking Water	\$994,000	Freshwater Society	Jeffrey Broberg	Statewide
04b	2025-025	Restoration and Outreach for Minnesota's Native Mussels	\$1,258,000	MN DNR, Ecological and Water Resources Division	Kathryn Holcomb	Statewide
04c	2025-059	Pristine to Green: Toxic Blooms Threaten Northern Lakes	\$1,362,000	Science Museum of Minnesota, St. Croix Watershed Research Station	Lienne Sethna	Central, Metro, NE, NW
04d	2025-064	Training Lake Communities to Track Chloride and Algae	\$274,000	U of MN, Duluth - Sea Grant	Hilarie Sorensen	Statewide
04e	2025-077	Clean Sweep Solution to Nonpoint Source Pollution	\$386,000	U of MN, Water Resources Center	Maggie Karschnia	Statewide

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04f	2025-084	Cyanotoxins in Minnesota Lakes: The Role of Sunlight	\$220,000	U of MN, College of Science and Engineering	William Arnold	Statewide
04g	2025-087	Enhancing Degradation of Emerging Contaminants via Microbial Starvation	\$390,000	U of MN, College of Science and Engineering	Paige Novak	Statewide
04h	2025-107	Soil Health Management for Water Storage	\$454,000	U of MN, Water Resources Center	Marcelle Lewandowski	Statewide
04i	2025-110	Predicting Contaminant Movement in Minnesota's Fractured Aquifers	\$650,000	U of MN, St. Anthony Falls Laboratory	Peter Kang	Statewide
04j	2025-112	Documentation and Toxicity of Microplastics in Urban Ecosystems	\$300,000	U of MN, College of Biological Sciences	Lea Pollack	Statewide
04k	2025-136	Terminating PFAS-Type Pesticides via Enzyme Cocktails	\$297,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Hua Zhao	Statewide
04l	2025-144	Addressing 21st Century Challenges for the St. Croix	\$243,000	Science Museum of Minnesota, St. Croix Watershed Research Station	Jason Ulrich	Central, Metro
04m	2025-150	Impact of Statewide Conservation Practices on Stream Biodiversity	\$300,000	U of MN, College of Biological Sciences	Christine Dolph	Statewide
04n	2025-169	Modeling the Future Mississippi River Gorge	\$427,000	U of MN, St. Anthony Falls Laboratory	Jeffrey Marr	Metro
04o	2025-181	Highly Efficient Nutrient Removal Technology for Agricultural Drainage	\$453,000	U of MN, College of Biological Sciences	Satoshi Ishii	Statewide
04p	2025-191	Citizen Scientists Capture Microplastic Pollution Around State	\$419,000	U of MN, Duluth	Melissa Maurer-Jones	Statewide
04q	2025-193	Healthy Native Prairie Microbiomes for Cleaner Water	\$468,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Brett Barney	Statewide
04r	2025-211	Wastewater Chloride Reduction through Industrial Source Reduction Assistance	\$247,000	U of MN, School of Public Health	Kelsey Klucas	Statewide
04s	2025-233	Pilot Water Budget Framework for Managing Water Withdrawals	\$198,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	John Nieber	Statewide
04t	2025-258	Biofilm Mediated Destruction of PFAS in Groundwater	\$1,336,000	Freshwater Society	Keith Rapp	Statewide
04u	2025-265	Impact of Microplastics on Wastewater Treatment in Minnesota	\$506,000	U of MN, College of Science and Engineering	Sebastian Behrens	Statewide
04v	2025-275	Portable Arsenic and Nitrate Detector for Well Water	\$358,000	U of MN, College of Science and Engineering	Tianhong Cui	Statewide
04w	2025-278	Recovering Salts from Highly Saline Wastewater	\$272,000	U of MN, College of Science and Engineering	Natasha Wright	Statewide
		SubTotal	\$11,812,000			
Subd. 05 Environmental Education (19 Recommendations = \$11,965,000)						
05a	2025-012	Eagle's Nest: Where the World Becomes Your Classroom	\$130,000	Glacial Hills Elementary School	Jodee Lund	Central
05b	2025-016	Advancing Equity in Environmental Education	\$700,000	Camp Fire Minnesota	Sara Lemke	Statewide

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05c	2025-019	Teacher Field School - Phase 2: Increasing Impact	\$712,000	Hamline University	Patty Born	Statewide
05d	2025-034	Creating Future Leaders in Outdoor and Environmental Leadership	\$330,000	North Hennepin Community College	Ana Munro	Statewide
05e	2025-054	Engaging our Diverse Public in Environmental Stewardship - Phase 2	\$249,000	Great River Greening	Brennan Blue	Central, Metro, SE, SW
05f	2025-065	Outdoor School for Minnesota K-12 Students	\$3,992,000	Osprey Wilds Environmental Learning Center	Bryan Wood	Statewide
05g	2025-073	Statewide Environmental Education via PBS Outdoor Series	\$415,000	Pioneer PBS	Cindy Dorn	Statewide
05h	2025-103	Maajii-akii-gikenjigewin Conservation Crew Program	\$678,000	Conservation Corps Minnesota	Brian Miller	NE
05i	2025-120	Reuse for the Future: Youth Education and Engagement	\$225,000	Reuse Minnesota	Emily Barker	Statewide
05j	2025-125	River Bend Nature Center Outdoor Diversity Initiative	\$247,000	River Bend Nature Center	Brad Bourn	SE
05k	2025-134	Camp Parsons Mississippi Summer	\$225,000	Phyllis Wheatley Community Center	Katy Nelson	Metro
05l	2025-135	Adult Outdoor Education for Minnesota's Underrepresented Communities	\$247,000	Baztec Fishing & Outdoors	Ray Ruiz	Central, Metro
05m	2025-143	Minnesota's Roadmap for Sustainability and Climate Education	\$491,000	Climate Generation	Lindsey Kirkland	Statewide
05n	2025-149	ESTEP 2.0: Earth Science Teacher Education Project	\$643,000	Minnesota Science Teachers Association	Lee Schmitt	Statewide
05o	2025-198	Engaging Latine Communities in Conservation and Preservation	\$400,000	Comunidades Organizando el Poder y la Accion Latina (COPAL)	Carolina Ortiz	Statewide
05p	2025-212	Inclusive Wildlife Engagement in Classrooms and Communities	\$712,000	MN DNR, Ecological and Water Resources Division	Jessica Ruthenberg	Statewide
05q	2025-254	Activating Youth and Family Environmental Stewardship through Raptors	\$228,000	U of MN, Raptor Center	Lori Arent	Statewide
05r	2025-296	Moving Minnesota towards a Lead-Free Sporting Future	\$250,000	Minnesota State Colleges and Universities, Bemidji State University	Brian Hiller	Statewide
05s	2025-301	Science Centers Supporting Northern Boys and Girls Clubs	\$1,091,000	Headwaters Science Center	Lee Furuseth	NW
		SubTotal	\$11,965,000			
Subd. 06 Aquatic and Terrestrial Invasive Species (2 Recommendations = \$6,713,000)						
06a	2025-126	Aquatic Invasive Species: From Problems to Real-World Solutions	\$5,771,000	U of MN, MAISRC	Cori Mattke	Statewide
06b	2025-196	Optimizing Non-Native Cattail Treatment Effectiveness in Prairie Wetlands	\$942,000	MN DNR, Fish and Wildlife Division	Megan Fitzpatrick	Central, NW, SW
		SubTotal	\$6,713,000			
Subd. 07 Air Quality, Climate Change, and Renewable Energy (7 Recommendations = \$11,744,000)						

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07a	2025-049	Protecting Coldwater Fish Habitat in Minnesota Lakes	\$561,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Gretchen Hansen	Statewide
07b	2025-078	Agrivoltaics 2.0 Building a Resilient E-Farm	\$535,000	U of MN, WCROC	Bradley Heins	Statewide
07c	2025-080	Pine Needles Reveal Past and Present Airborne PFAS	\$550,000	Minnesota Pollution Control Agency	Summer Streets	Statewide
07d	2025-257	Facilitated Transport Hybrid Membranes for CO2 Separation	\$1,050,000	U of MN, College of Science and Engineering	Jun Li	Statewide
07e	2025-290	Renewable Energy Conversion for Farm Diesel and Ammonia	\$726,000	U of MN, College of Science and Engineering	Paul Dauenhauer	Statewide
07f	2025-306	Innovative Solution to Renewable Energy from Food Waste	\$5,167,000	Ramsey/Washington Recycling & Energy Board	Matt Phillips	Statewide
07g	2025-313	Fueling the Future: Decarbonizing Regional Transportation Project	\$3,155,000	City of St. Cloud	Tracy Hodel	Statewide
		SubTotal	\$11,744,000			
Subd. 08 Methods to Protect or Restore Land, Water, and Habitat (19 Recommendations = \$12,188,000)						
08a	2025-007	Minnesota PlantWatch: Community Scientists Conserving Rare Plants	\$1,086,000	U of MN, Landscape Arboretum	David Remucal	Statewide
08b	2025-030	Grassland Restoration for Pollinator Conservation and Demonstration	\$250,000	U of MN, Landscape Arboretum	Brandon Miller	Statewide
08c	2025-066	Planning for Long-Term Natural Resources Protection, Hennepin County	\$250,000	Hennepin County	Kristine Maurer	Metro
08d	2025-069	Native Forages: Growing Drought and Climate Resiliency	\$2,254,000	Ducks Unlimited Inc	Sabrina Claeys	Central, NW
08e	2025-097	Accelerated Genetic Migration of Bur Oak- 10yr Data	\$223,000	Great River Greening	Wiley Buck	Metro
08f	2025-116	SHT Bridge, Boardwalk and Trailhead Renewal	\$532,000	Superior Hiking Trail Association	Lisa Luukkala	Statewide
08g	2025-118	Mississippi Gateway Shoreline Stabilization and Fishing Improvements	\$735,000	Three Rivers Park District	Brian Vlach	Metro
08h	2025-152	Phytoremediation of PFAS from Soil	\$1,066,000	U of MN, College of Biological Sciences	Michael Smanski	Statewide
08i	2025-154	Removing Mercury from Minnesota Waters	\$247,000	U of MN, College of Biological Sciences	Michael Smanski	Statewide
08j	2025-176	Evaluating Native Seed Mixes for Grazing	\$208,000	Restoravore	Joshua Lallaman	Statewide
08k	2025-219	Improving Minnesota Forest Health via Post-Duff-Burning Soil Analysis	\$646,000	U of MN, College of Science and Engineering	Lee Frelich	Statewide
08l	2025-228	Minnesota Riverbank Protection and Parks Improvements	\$1,400,000	City of Shakopee	Alex Jordan	Metro
08m	2025-232	Restoration at Wakan Tipi and Bruce Vento Nature Sanctuary	\$669,000	Lower Phalen Creek Project	Gabriele Menomin	Metro

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08n	2025-266	Promoting Pollinators on Corporate Campuses	\$547,000	University of St. Thomas	Adam Kay	Statewide
08o	2025-270	A Riparian Area Adaptation Strategy for Southeast Minnesota	\$243,000	The Nature Conservancy	Christian Lenhart	Statewide
08p	2025-282	Minnehaha Park South Plateau Oak Savanna Restoration	\$242,000	Minneapolis Park and Recreation Board	Adam Arvidson	Metro
08q	2025-283	Tree Protection for Minnesota's Tamarack Against Larch Beetle	\$321,000	U of MN, College of Food, Agricultural and Natural Resource Sciences	Brian Aukema	Central, NE, NW
08r	2025-288	Shoreline Restoration and Enhancement at Minneapolis Lakes	\$819,000	Minneapolis Park and Recreation Board	Adam Arvidson	Metro
08s	2025-317	Developing Markets for CLC Crops	\$450,000	Minnesota Department of Agriculture	Margaret Wagner	Statewide
		SubTotal	\$12,188,000			
Subd. 09 Land Acquisition, Habitat, and Recreation (14 Recommendations = \$19,553,000)						
09a	2025-055	Cannon River Preservation and Access	\$2,717,000	Dakota County	Lisa West	Metro
09b	2025-081	Mesabi Trail Aurora to Hoyt Lakes	\$1,325,000	St. Louis & Lake Counties Regional Railroad Authority	Sarah Ciochetto	NE
09c	2025-114	RTA Maintenance Trail Stabilization Project	\$500,000	City of Eden Prairie	Karli Wittner	Statewide
09d	2025-122	Local Parks, Trails, and Natural Areas Grant Programs	\$4,769,000	MN DNR, State Parks and Trails Division	Jenni Bubke	Statewide
09e	2025-173	Boardwalk Over Boggy Land for Recreational Purposes	\$148,000	City of Battle Lake	Val Martin	NW
09f	2025-182	Lake Zumbro Park Water Access and Site Improvements	\$1,978,000	Olmsted County	Karlin Ziegler	SE
09g	2025-197	Scientific and Natural Area (SNA) Biodiversity Protection	\$1,104,000	MN DNR, Ecological and Water Resources Division	Judy Elbert	Statewide
09h	2025-201	Scandia Gateway Trail Connection: Recreation, Wetlands, Environmental Education	\$907,000	City of Scandia	Kyle Morell	Metro
09i	2025-213	Lake Byllesby Regional Park Restoration and Recreation	\$1,120,000	Dakota County	Niki Geisler	Metro
09j	2025-216	Thompson County Park Restoration and Accessibility Improvements	\$867,000	Dakota County	Niki Geisler	Metro
09k	2025-236	Thom Storm Chalet and Outdoor Recreation Center	\$2,312,000	City of Duluth	Katie Bennett	NE
09l	2025-268	Enhancing Preservation and Accessibility at Hawk Ridge Nature Reserve	\$155,000	City of Duluth	Katie Bennett	Statewide
09m	2025-293	Echo Bay County Park - Phase 1 Construction	\$1,122,000	Otter Tail County	Kevin Fellbaum	Central
09n	2025-319	Chaska Big Woods Property Acquisition	\$529,000	City of Chaska	Ashley Cauley	Metro

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		SubTotal	\$19,553,000			
Subd. 10 Administration, Emerging Issues, and Contract Agreement Reimbursement (4 Recommendations = \$7,267,000)						
10a	2025-001	Emerging Issues Account 2025	\$2,984,000	Legislative-Citizen Commission on Minnesota Resources	Becca Nash	Statewide
10b	2025-166	2025 Contract Agreement Reimbursement	\$280,000	MN DNR, Grants Unit	Katherine Sherman-Hoehn	Statewide
10c	2025-321	LCCMR Administrative Budget	\$4,000,000	Legislative-Citizen Commission on Minnesota Resources	Becca Nash	Statewide
10d	2025-322	Legislative Coordinating Commission Legacy Website	\$3,000	Legislative Coordinating Commission	Becca Nash	Statewide
		SubTotal	\$7,267,000			
		Total	\$103,326,000			

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