

Members 2024 RFP LCCMR Proposal Allocations Initial Agreement, as of July 18, 2023

Sorted Overall High To Low By Number of Members Allocating Funds and then by Proposal ID

Amount available: \$79,644,000

| Line | Proposal ID | Project Title | Project Manager and Organization | Amount Requested | Number of Members Allocating Funds | Compiled Member Evaluation #2 Average \$ Amount | Running Total Based on Average \$ Amount Allocated | Percentage of Requested Amount | Member Comments (gray text = from Eval #1, black text = from Eval #2) | Staff Comments (gray text = from Eval #1, black text = from Eval #2) | Contingencies? (Would require vote(s) by Members) |
|------|-------------|---|--|------------------|------------------------------------|---|--|--------------------------------|---|---|---|
| 5 | 2024-001 | LCCMR Budget Supplement (FY25) | LCCMR Universal Account, Legislative-Citizen Commission on Minnesota Resources | \$750,000 | 17 out of 17 | \$750,000 | \$750,000 | 100% | | Will automatically advance at estimated amount and be revised when finalized. | |
| 6 | 2024-004 | Commission Buffer | LCCMR Universal Account, Legislative-Citizen Commission on Minnesota Resources | \$250,000 | 17 out of 17 | \$250,000 | \$1,000,000 | 100% | | | |
| 7 | 2024-117 | ML 2024 Contract Agreement Reimbursement | Katherine Sherman-Hoehn, MN DNR, Grants Unit | \$275,000 | 17 out of 17 | \$275,000 | \$1,275,000 | 100% | Since advance automatically, do we have to give it a score? | This proposal is at LCCMR's request and will automatically be advanced. | |
| 8 | 2024-037 | Hyperspectral Characterization of Toxic Harmful Algal Blooms | Ardeshir Ebtehaj, U of MN, St. Anthony Falls Laboratory | \$399,000 | 17 out of 17 | \$376,000 | \$1,651,000 | 94% | | | |
| 9 | 2024-044 | Characterizing Tree Cavities and Use by Minnesota's Wildlife | Alexis Grinde, U of MN, Duluth - NRRRI | \$349,000 | 17 out of 17 | \$311,000 | \$1,962,000 | 89% | | | |
| 10 | 2024-045 | Can Increased Tree Diversity Increase Community Diversity? | Marcella Windmuller-Campione, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$415,000 | 17 out of 17 | \$377,000 | \$2,339,000 | 91% | | | |
| 11 | 2024-057 | Characterization of Chemicals in Structural Fire Wastewater | Grace Wilson, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$369,000 | 17 out of 17 | \$349,000 | \$2,688,000 | 95% | | | |
| 12 | 2024-073 | Enhancing Wastewater Treatment while Bioprospecting for Novel Pharmaceuticals | Timothy LaPara, U of MN, College of Science and Engineering | \$690,000 | 17 out of 17 | \$553,000 | \$3,241,000 | 80% | - Activities 1 & 2 - No activity 3 & 4 - Only activities 1 and 2 - Not activities 3 and 4. | Is the proposed Activity 3 and 4 consistent with the constitutional purpose of the ENRTF? | No funding for activities 3 and 4? For funding activities 1 and 2 only: ~\$306,722 |
| 13 | 2024-078 | DNR County Groundwater Atlas | Paul Putzier, MN DNR, Ecological and Water Resources Division | \$3,200,000 | 17 out of 17 | \$2,588,000 | \$5,829,000 | 81% | | | |
| 14 | 2024-088 | Distribution and Population Status of Weasels in Minnesota | Michael Joyce, U of MN, Duluth - NRRRI | \$400,000 | 17 out of 17 | \$359,000 | \$6,188,000 | 90% | | | |
| 15 | 2024-089 | Minnesota Invasive Terrestrial Plants and Pests Center, 6 | Robert Venette, U of MN, MITPPC | \$7,000,000 | 17 out of 17 | \$6,074,000 | \$12,262,000 | 87% | - This is a large amount. We should get regular updates. | | |
| 16 | 2024-090 | Restoration of Riverside Park | Ted Gray, City of Long Prairie | \$141,000 | 17 out of 17 | \$141,000 | \$12,403,000 | 100% | | | |
| 17 | 2024-115 | Launching Environmental Education at Shepard Farm | Pete Cleary, Dodge Nature Center | \$639,000 | 17 out of 17 | \$592,000 | \$12,995,000 | 93% | | | |

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| 18 | 2024-177 | Rural MN Mobile Lab: Environmental/Earth Science Education | Timothy Dudley, U of MN, Crookston | \$459,000 | 17 out of 17 | \$458,000 | \$13,453,000 | 99% | - Excellent work expanding access to quality science education and linking local university resources to the communities served. - How will they work with tribes? | | |
| 19 | 2024-188 | Increasing Accessibility of Environmental Education at Deep Portage | Lindsay Bjorklund, Deep Portage Learning Center | \$228,000 | 17 out of 17 | \$226,000 | \$13,679,000 | 99% | | | |
| 20 | 2024-215 | White-Tailed Deer Movement and Disease in Suburban Areas | Meggan Craft, U of MN, College of Biological Sciences | \$699,000 | 17 out of 17 | \$603,000 | \$14,282,000 | 86% | - How will this project work with urban and suburban tribal communities and underserved populations? | | |
| 21 | 2024-223 | Geologic Atlases for Water Resource Management | Barbara Lusardi, U of MN, MN Geological Survey | \$1,236,000 | 17 out of 17 | \$1,037,000 | \$15,319,000 | 84% | | | |
| 22 | 2024-227 | Shingle Creek Aquatic and Shoreline Habitat Enhancement | Adam Arvidson, Minneapolis Park and Recreation Board | \$1,100,000 | 17 out of 17 | \$962,000 | \$16,281,000 | 87% | | | |
| 23 | 2024-250 | Water Quality and Robots: Experientially Educating Minnesotan Youth | Nikolaos Papanikolopoulos, U of MN, College of Science and Engineering | \$353,000 | 17 out of 17 | \$345,000 | \$16,626,000 | 98% | | | |
| 24 | 2024-251 | Effects of Conservation Grazing on Solar Pollinator Habitat | Daniel Tix, Minnesota Native Landscapes | \$88,000 | 17 out of 17 | \$88,000 | \$16,714,000 | 100% | - Is MN Native Landscapes a private company? - What type of grazing practices? I would like to see intensive rotational grazing. | | |
| 25 | 2024-298 | Priority Lakes: Meeting Protection Goals and Multiplying Benefits | Crystal Mathisrud, Hubbard County Soil & Water Conservation District | \$1,890,000 | 17 out of 17 | \$1,640,000 | \$18,354,000 | 87% | | | |
| 26 | 2024-005 | Long-Term Preservation of Minnesota's Ball Cactus Population | David Remucal, U of MN, Landscape Arboretum | \$100,000 | 16 out of 17 | \$100,000 | \$18,454,000 | 100% | | | |
| 27 | 2024-015 | Jay C. Hormel Nature Center Supplemental Teaching Staff | Luke Reese, City of Austin | \$410,000 | 16 out of 17 | \$384,000 | \$18,838,000 | 94% | - Needs a long-term plan. | | |

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| 28 | 2024-017 | Connecting Communities to Voyageurs Classroom & Minnesota's National Park | Christina Hausman Rhode, Voyageurs Conservancy | \$994,000 | 16 out of 17 | \$883,000 | \$19,721,000 | 89% | - Department of Interior and it's National Park system have a trust responsibility to the tribal nations that ceded lands to the federal government. -How will this project engage with tribal youth in support of educational efforts and to assist in the delivery of that trust responsibility? - Excellent program, wish the Feds would fully fund the needed support to use the land they conserve. | | |
| 29 | 2024-027 | Phenology Investigations in Minnesota Schools | Robert Blair, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$392,000 | 16 out of 17 | \$368,000 | \$20,089,000 | 94% | - UMN is a land grant institution on the lands of indigenous nations? How will this project engage with tribal youth in support of educational efforts and to assist in the delivery of programming that is respectful of the indigenous heritage on which the University rests? | | |
| 30 | 2024-036 | Reconstructing Historical Wild Rice to Understand Its Future | Lienne Sethna, Science Museum of Minnesota, St. Croix Watershed Research Station | \$200,000 | 16 out of 17 | \$200,000 | \$20,289,000 | 100% | - How will this project collaborate with MN tribal nations that use rice for subsistence? | | |
| 31 | 2024-049 | Building Resilient Urban Forests for Climate Change | Todd Rexine, Great River Greening | \$752,000 | 16 out of 17 | \$617,000 | \$20,906,000 | 82% | | | |
| 32 | 2024-059 | Mentoring Next Generation of Conservation Professionals Phase 2 | Deborah Loon, Minnesota Valley National Wildlife Refuge Trust Inc | \$793,000 | 16 out of 17 | \$660,000 | \$21,566,000 | 83% | - Will this project recruit from underserved and tribal communities? - As an incorporated trust, how does this entity operate? Federal, state, non-profit, or for-profit? - Lot of \$ for 37 positions | | |
| 33 | 2024-071 | Investigating Life History Characteristics of Minnesota Elk | Eric Michel, MN DNR, Fish and Wildlife Division | \$933,000 | 16 out of 17 | \$795,000 | \$22,361,000 | 85% | | | |
| 34 | 2024-076 | Improving Agricultural Ecosystems through Autonomous Weed Control | Eric Buchanan, U of MN, WCROC | \$978,000 | 16 out of 16 | \$888,000 | \$23,249,000 | 91% | | | |
| 35 | 2024-083 | Voyageurs Wolf Project - Phase III | Joseph Bump, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$996,000 | 16 out of 17 | \$795,000 | \$24,044,000 | 80% | - How will this project collaborate with MN tribal nations that monitor wolf populations? | | |
| 36 | 2024-093 | Metropolitan Regional Parks System Land Acquisition Phase 8 | Jessica Lee, Metropolitan Council | \$3,000,000 | 16 out of 17 | \$2,400,000 | \$26,444,000 | 80% | | | |

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| 37 | 2024-096 | Pollinator Central 4: Habitat Improvement with Public Engagement | Rebecca Tucker, Great River Greening | \$698,000 | 16 out of 17 | \$595,000 | \$27,039,000 | 85% | | | |
| 38 | 2024-100 | Outdoor Pathways to Environmental Education, Recreation, and Careers | Meg Krueger, Wilderness Inquiry | \$1,500,000 | 16 out of 17 | \$1,322,000 | \$28,361,000 | 88% | - Will this project recruit from underserved and tribal communities? | | |
| 39 | 2024-108 | Minnesota Microbes for Enhanced Biodegradation of Microplastics | Brett Barney, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$524,000 | 16 out of 17 | \$487,000 | \$28,848,000 | 93% | | | |
| 40 | 2024-111 | Increasing Access to Environmental Education Youth Camps | Bryan Wood, Osprey Wilds Environmental Learning Center | \$163,000 | 16 out of 17 | \$163,000 | \$29,011,000 | 100% | - Will this project work with tribal experts and tribal communities? | | |
| 41 | 2024-114 | Implementing Innovative Techniques to Manage Low-Density Invasive Carp | Brian Nerbonne, MN DNR, Fish and Wildlife Division | \$634,000 | 16 out of 17 | \$565,000 | \$29,576,000 | 89% | - We should limit funding for carp until we see movement with existing technology. - How successful have the previous project been? | The proposal does not include research so is not eligible for MAISRC funding. | |
| 42 | 2024-161 | Novel Nutrient Recovery Process from Wastewater Treatment Plants | Bo Hu, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$486,000 | 16 out of 17 | \$450,000 | \$30,026,000 | 93% | | | |
| 43 | 2024-173 | Wildfire Impacts on Mercury Cycling in Wilderness Lakes | Christopher Filstrup, U of MN, Duluth - NRRI | \$297,000 | 16 out of 17 | \$279,000 | \$30,305,000 | 94% | | | |
| 44 | 2024-175 | Enabling Nature to Destroy Environmental PFAS Contaminants | Romas Kazlauskas, U of MN, College of Biological Sciences | \$378,000 | 16 out of 17 | \$367,000 | \$30,672,000 | 97% | | | |
| 45 | 2024-185 | Bioacoustics for Species Monitoring and Conservation Phase II | Elena West, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$568,000 | 16 out of 17 | \$520,000 | \$31,192,000 | 92% | - Excellent use of funds in conservation, using audio to monitor the soundscape of our state! - Will this project work with tribes? | | |
| 46 | 2024-186 | Modernizing Minnesota's Plant Community Classification and Field Guides | Bruce Carlson, MN DNR, Ecological and Water Resources Division | \$1,800,000 | 16 out of 17 | \$1,462,000 | \$32,654,000 | 81% | | | |
| 47 | 2024-192 | Assessing Prairie Health to Inform Pollinator Conservation | Erik Runquist, Minnesota Zoological Society | \$297,000 | 16 out of 17 | \$273,000 | \$32,927,000 | 92% | | | |
| 48 | 2024-193 | Understanding Native Fishes in the Bowfishing Era | Alec Lackmann, U of MN, Duluth | \$588,000 | 16 out of 17 | \$540,000 | \$33,467,000 | 92% | | | |

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| 49 | 2024-213 | Flood and Drought Prediction for Minnesota | Wendy Moylan, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$499,000 | 16 out of 17 | \$455,000 | \$33,922,000 | 91% | - Underserved communities and tribal nations are disproportionately affected by extreme weather. How will this project inform and work with those communities? | | |
| 50 | 2024-222 | Highly Pathogenic Avian Influenza and Minnesota Raptors | Victoria Hall, U of MN, Raptor Center | \$187,000 | 16 out of 17 | \$187,000 | \$34,109,000 | 100% | | | |
| 51 | 2024-247 | Harnessing Cover Crops and Roots for Sustainable Cropping | Axel Garcia y Garcia, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$375,000 | 16 out of 17 | \$364,000 | \$34,473,000 | 97% | | | |
| 52 | 2024-269 | Are Stream Restoration Efforts Effective? An Evidence-Based Assessment. | Andrew Robertson, Saint Mary's University | \$200,000 | 16 out of 17 | \$200,000 | \$34,673,000 | 100% | | | |
| 53 | 2024-272 | Expanding Youth and Family Fishing Opportunities | Brian Nerbonne, MN DNR, Fish and Wildlife Division | \$1,162,000 | 16 out of 17 | \$1,136,000 | \$35,809,000 | 98% | - Will this project work with tribal experts and tribal communities? - This looks like it was a quick idea to get another \$1 million dollars. | | |
| 54 | 2024-273 | Youth Conservation Empowerment Project | Nicole Pokorney, U of MN, Extension Center for Youth Development | \$70,000 | 16 out of 17 | \$70,000 | \$35,879,000 | 100% | | | |
| 55 | 2024-278 | Genetic Detection of Endangered Mussels in the Mississippi | Lauren Lynch, US Geological Survey, Ohio Water Microbiology Lab | \$241,000 | 16 out of 17 | \$236,000 | \$36,115,000 | 98% | | | |
| 56 | 2024-279 | Uncovering the Past to Protect Minnesota's Walleye Fisheries | Adam Heathcote, Science Museum of Minnesota, St. Croix Watershed Research Station | \$1,121,000 | 16 out of 17 | \$991,000 | \$37,106,000 | 88% | - Walleye are an important subsistence and commercial fish for MN tribal nations. How will this work collaborate with and inform those nations to protect or restore walleye fisheries? | | |
| 57 | 2024-009 | Minnesota Driftless Hiking Trail | Marty Walsh, Minnesota Driftless Hiking Trail | \$426,000 | 15 out of 17 | \$411,000 | \$37,517,000 | 96% | | | |
| 58 | 2024-014 | Native Plant Community Data in City of Duluth | Virginia Breidenbach, Minnesota Land Trust | \$198,000 | 15 out of 17 | \$198,000 | \$37,715,000 | 100% | | | |
| 59 | 2024-039 | Minimizing Minnesota's Landfill Problem by Expanding Waste Diversion | Jason Allen, Better Futures Minnesota | \$2,596,000 | 15 out of 17 | \$2,229,000 | \$39,944,000 | 86% | - No | | |
| 60 | 2024-046 | Fate of Minnesota's Lakes in the Next Century | Ardeshir Ebtehaj, U of MN, College of Science and Engineering | \$499,000 | 15 out of 17 | \$436,000 | \$40,380,000 | 87% | - Are there plans for public outreach? | | |

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| 61 | 2024-048 | Turtle Island Skywatchers – Minnesota Research and Data Visualization | Annette S. Lee, Native Skywatchers Inc | \$200,000 | 15 out of 17 | \$200,000 | \$40,580,000 | 100% | | | |
| 62 | 2024-061 | Climate Change and Management Effects on Lake Methane | James Cotner, U of MN, College of Biological Sciences | \$599,000 | 15 out of 17 | \$519,000 | \$41,099,000 | 87% | - Will this work collaborate with tribal or ceded territory experts that co-manage MN aquatic resources? | | |
| 63 | 2024-063 | Monitoring Minnesota’s Insects: Connecting Habitat to Insect Prey | Matthew Petersen, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$199,000 | 15 out of 17 | \$199,000 | \$41,298,000 | 100% | - Will this project work with tribal nations or Ceded Territory experts? Will the future insect researchers trained include recruitment efforts to underserved and tribal communities? | | |
| 64 | 2024-064 | Local Parks, Trails and Natural Areas Grant Programs | Audrey Mularie, MN DNR, State Parks and Trails Division | \$5,000,000 | 15 out of 16 | \$4,607,000 | \$45,905,000 | 92% | | | |
| 65 | 2024-068 | Determining Ambient Background PFAS Concentrations in Minnesota Soils | Sona Psarska, Minnesota Pollution Control Agency | \$655,000 | 15 out of 17 | \$597,000 | \$46,502,000 | 91% | | | |
| 66 | 2024-072 | Foundational Data for Moth and Butterfly Conservation | Kyle Johnson, MN DNR, Ecological and Water Resources Division | \$195,000 | 15 out of 17 | \$195,000 | \$46,697,000 | 100% | | | |
| 67 | 2024-077 | Improving Water Efficiency Programming with Measurable Outcomes | Heidi Quinn, City of Woodbury | \$200,000 | 15 out of 17 | \$200,000 | \$46,897,000 | 100% | | | |
| 68 | 2024-081 | Acquisition of State Parks In-Holdings | Brett Feldman, Parks & Trails Council of Minnesota | \$2,000,000 | 15 out of 17 | \$1,813,000 | \$48,710,000 | 91% | | | |
| 69 | 2024-086 | Fluorine Beyond PFAS: Pesticide and Pharmaceutical Degradation | William Arnold, U of MN, College of Science and Engineering | \$400,000 | 15 out of 17 | \$400,000 | \$49,110,000 | 100% | - Request reduced by submitter to \$400,000 from the original request of \$560,000. | | |
| 70 | 2024-091 | Restoring Land, Reviving Heritage: Indigenous Conservation-Phase Two | Hannah Smith, Belwin Conservancy | \$765,000 | 15 out of 17 | \$662,000 | \$49,772,000 | 87% | - Great project. Of vital importance to improve the state of knowledge of educators in delivery of tribal environmental education. | | |
| 71 | 2024-092 | Scientific and Natural Area (SNA) Biodiversity Protection | Judy Schulte, MN DNR, Ecological and Water Resources Division | \$1,100,000 | 15 out of 17 | \$920,000 | \$50,692,000 | 84% | | | |
| 72 | 2024-097 | Mitigating the Spread of Invasive Jumping Worms | Vera Krischik, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$516,000 | 15 out of 17 | \$452,000 | \$51,144,000 | 88% | | The proposal previously applied to MITPPC and was not funded. Should they be encouraged to continue to seek ENRTF funds from MITPPC? | |

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| 73 | 2024-103 | Conservation Grazing for Birds, Beef, and Better Soil | Dale Gentry, Audubon Minnesota | \$361,000 | 15 out of 17 | \$329,000 | \$51,473,000 | 91% | - Farmers and ranchers can do this without charging \$361,000. - Is "Audubon Conservation Ranching" a proprietary system of grazing management? | | |
| 74 | 2024-113 | Spring Lake Park Reserve Restoration and River Access | Niki Geisler, Dakota County | \$4,770,000 | 15 out of 17 | \$2,925,000 | \$54,398,000 | 61% | - Use funds only for restoration and cultural work. Money allocated specifically for restoration. - This project included archeological and cultural activities beyond construction activities. These do not appear to be constitutional. - Not parking. Creating access to trails, and activities 2 & 3. - Only for restoration activities, exclude capital building, parking lot and road. | | Limit funding to certain activities? Restoration only = ~\$720,000 Restoration + cultural only = ~\$1,170,000 |
| 75 | 2024-129 | YES! Students Step Up To Reduce Carbon Footprint | Kalley Pratt, Prairie Woods Environmental Learning Center | \$199,000 | 15 out of 17 | \$199,000 | \$54,597,000 | 100% | - Will this project work with tribal experts and tribal communities? | | |
| 76 | 2024-136 | Minnesota State Trails Development | Kent Skaar, MN DNR, State Parks and Trails Division | \$5,125,000 | 15 out of 16 | \$4,842,000 | \$59,439,000 | 94% | | | |
| 77 | 2024-168 | Season Watch: Cultivating Young Naturalists with Phenology Education | Sarah Bignall, Northern Community Radio, Inc. | \$180,000 | 15 out of 17 | \$180,000 | \$59,619,000 | 100% | - Will this project work with tribal experts and tribal communities? | | |
| 78 | 2024-170 | Completing the Mississippi River Greenway: Dakota County | John Mertens, Dakota County | \$675,000 | 15 out of 17 | \$632,000 | \$60,251,000 | 94% | | | |
| 79 | 2024-172 | Sublethal Effects of Pesticides on Invertebrate Community | Mingzi Xu, U of MN, College of Biological Sciences | \$398,000 | 15 out of 17 | \$372,000 | \$60,623,000 | 93% | | | |
| 80 | 2024-189 | Preventing PFAS and Microplastics Contaminants across Minnesota | Roger Ruan, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$722,000 | 15 out of 17 | \$631,000 | \$61,254,000 | 87% | | | |
| 81 | 2024-200 | College-School Collaboration to Promote Environmental Career Paths | Kimberly Musser, Minnesota State Colleges and Universities, Minnesota State University Mankato | \$174,000 | 15 out of 17 | \$174,000 | \$61,428,000 | 100% | - There are 650 tribal science positions in the midwest. How will this project engage with tribal youth in support of educational efforts and to assist in the delivery of qualified tribal natural resources professionals? | | |

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| 82 | 2024-255 | Road Salt Pollution of Surface Waters from Groundwater | John Gulliver, U of MN, College of Science and Engineering | \$689,000 | 15 out of 17 | \$598,000 | \$62,026,000 | 87% | - Think beyond fish | | |
| 83 | 2024-264 | Dent and Vergas Spur Trails | Nicholas Leonard, Otter Tail County | \$934,000 | 15 out of 17 | \$934,000 | \$62,960,000 | 100% | | | |
| 84 | 2024-277 | Growing the Minnesota Bison Conservation Herd | Edward Quinn, MN DNR, State Parks and Trails Division | \$2,415,000 | 15 out of 16 | \$1,775,000 | \$64,735,000 | 73% | - I think we should focus on the fencing costs. Fence only. No building. - Can the building facilities piece be taken out? - Related to fencing & signs, not handling facilities. - DNR can't manage Elk or Moose. Do we really think they will be affective at Bison. This should not be funded until we can take care of what is already here. | | Limit funding to fencing and signs? Fencing + signs only = \$859,017 plus a portion of general laborer costs, MNDNR Operations Services Division Costs, and Direct and Necessary Costs |
| 85 | 2024-292 | North Minneapolis Nature Connection: Storytelling and Leadership Pathways | DeAnna Perkins, The Loppet Foundation | \$788,000 | 15 out of 17 | \$670,000 | \$65,405,000 | 85% | - Children should be taught, not programmed. | | |
| 86 | 2024-022 | Morrison County Historical Society Streambank Stabilization and Restoration | Shannon Wettstein, Morrison Soil and Water Conservation District | \$519,000 | 14 out of 16 | \$519,000 | \$65,924,000 | 100% | - Would prefer work done on public lands and get easement from private land owners. | Would the LCCMR want to provide an exception to the requirement that restorations be conducted only on public land or private land permanently protected by a conservation easement? See applicant's answer to restoration information question #1 for more information and options (under Tab 8 and Restoration). | Staff note: If members recommend funding for this project, it would be assumed an exemption from the requirement that restoration be on permanently protected land is being granted. |
| 87 | 2024-023 | Supporting Minnesota Teachers Implement Culturally Sustaining Environmental Education | Seth Thompson, U of MN, College of Biological Sciences | \$311,000 | 14 out of 17 | \$295,000 | \$66,219,000 | 95% | - Great project. Of vital importance to improve the state of knowledge of educators in delivery of tribal literacy among educators. | | |
| 88 | 2024-028 | Get the Lead Out: Lead-Free Fishing Tackle Education | Kelly Amoth, Minnesota Pollution Control Agency | \$258,000 | 14 out of 17 | \$254,000 | \$66,473,000 | 98% | - Is this a continuation of a past funded project? If so, should general funds be used at some point? - This has been funded. | | |

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Sorted Overall High To Low By Number of Members Allocating Funds and then by Proposal ID

Amount available: \$79,644,000

| Line | Proposal ID | Project Title | Project Manager and Organization | Amount Requested | Number of Members Allocating Funds | Compiled Member Evaluation #2 Average \$ Amount | Running Total Based on Average \$ Amount Allocated | Percentage of Requested Amount | Member Comments (gray text = from Eval #1, black text = from Eval #2) | Staff Comments (gray text = from Eval #1, black text = from Eval #2) | Contingencies? (Would require vote(s) by Members) |
|------|-------------|--|---|------------------|------------------------------------|---|--|--------------------------------|--|--|---|
| 89 | 2024-139 | The Boundary Waters is Our Backyard | Alison Nyenhuis, Friends of the Boundary Waters Wilderness | \$582,000 | 14 out of 16 | \$500,000 | \$66,973,000 | 86% | - Emphasis on gear and readiness for participants to have a positive experience. This is a critical obstacle for new participants who don't know what they don't know. Thank you for thoughtfully considering simple obstacles such as proper outerwear and socks to ensure a positive experience growing the conservation ethic. - This looks to force youth outside when there appears to be no local interest. | | |
| 90 | 2024-150 | Improving Aquatic Plant Knowledge for Healthy Waters | Holly Bernardo, MN DNR, Ecological and Water Resources Division | \$198,000 | 14 out of 17 | \$198,000 | \$67,171,000 | 100% | | | |
| 91 | 2024-153 | Managing Future Floods and Droughts in Minnesota | Heidi Roop, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$480,000 | 14 out of 17 | \$460,000 | \$67,631,000 | 96% | - Indigenous nations and underserved communities are disproportionately impacted by the effects of extreme weather. How will this project work with and inform those communities? | | |
| 92 | 2024-158 | New Small Mammal Monitoring Methods for Minnesota | Ron Moen, U of MN, Duluth - NRRRI | \$199,000 | 14 out of 17 | \$199,000 | \$67,830,000 | 100% | - Will this project work with tribal nations or Ceded Territory experts? | | |
| 93 | 2024-163 | Status of Bats and Roost Trees after White-Nose | Ron Moen, U of MN, Duluth - NRRRI | \$195,000 | 14 out of 17 | \$195,000 | \$68,025,000 | 100% | - Will this project work with tribal nations or Ceded Territory experts? | | |
| 94 | 2024-206 | Preserving Minnesota Wildflower Information | Ya Yang, U of MN, Bell Museum of Natural History | \$199,000 | 14 out of 17 | \$199,000 | \$68,224,000 | 100% | - Indirect cost recovery (ICR) / over head is included and is not an allowable expense. The budget requested should then be reduced to \$167,607. [Staff note: it appears the ICR is listed in the non-ENRTF portion of the budget] - Critical resource for field practitioners and home gardeners. Anxious about the changes, but hopeful of continued usability, reliability, and expanded access to information. | | |
| 95 | 2024-224 | Remote Sensing for Pollinator Habitat | Wendy Caldwell, Monarch Joint Venture | \$180,000 | 14 out of 17 | \$180,000 | \$68,404,000 | 100% | | | |
| 96 | 2024-237 | LiDAR Technology Preventing Wildlife Fatalities from Wind Turbines | Sayan Biswas, U of MN, College of Science and Engineering | \$550,000 | 14 out of 17 | \$525,000 | \$68,929,000 | 95% | | | |
| 97 | 2024-296 | Integrated Population Modeling for Trumpeter Swans | Todd Arnold, U of MN, College of Food, Agricultural and Natural Resource Sciences | \$180,000 | 14 out of 17 | \$180,000 | \$69,109,000 | 100% | - Will this work collaborate with tribal or ceded territory experts that co-manage MN aquatic resources? | | |

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|------|---|---|--|---------------------|------------------------------------|---|--|--------------------------------|---|--|---|
| 98 | 2024-058 | Water Science and Policy Fellowships for Minnesota | Alexander Frie, U of MN, Duluth - Sea Grant | \$445,000 | 13 out of 17 | \$407,000 | \$69,516,000 | 91% | - Will this project recruit from underserved and tribal communities? | | |
| 99 | 2024-098 | Advanced Biofilter for N2O Removal | Satoshi Ishii, U of MN, College of Biological Sciences | \$335,000 | 13 out of 17 | \$325,000 | \$69,841,000 | 97% | | | |
| 100 | 2024-164 | Visitor Perceptions of Lake Water Quality | Bonnie Keeler, U of MN, Humphrey School of Public Affairs | \$411,000 | 13 out of 17 | \$379,000 | \$70,220,000 | 92% | | | |
| 101 | 2024-198 | Early Detection of Invasive Viruses in Native Pollinators | Declan Schroeder, U of MN, College of Veterinary Medicine | \$200,000 | 13 out of 17 | \$200,000 | \$70,420,000 | 100% | | The proposed research does not address priority species so is not eligible for MITPPC funding. | |
| 102 | 2024-002 | Emerging Issues 2024 | LCCMR Universal Account, Legislative-Citizen Commission on Minnesota Resources | \$0 | 12 out of 17 | \$4,627,000 | \$75,047,000 | NA | | | |
| 103 | 2024-099 | Unlocking Minnesota Wilderness for Youth | Beth Becker, YMCA of the North | \$762,000 | 12 out of 17 | \$705,000 | \$75,752,000 | 93% | - Will this project recruit from underserved and tribal communities? | | |
| 104 | 2024-094 | Zumbro River Regional Water Trail | Sunny Bjorklund Schultz, City of Oronoco | \$170,000 | 11 out of 17 | \$170,000 | \$75,922,000 | 100% | | | |
| 105 | 2024-257 | Breaking the PFAS Cycle with a Full-Scale Demonstration | Andrew McCabe, Barr Engineering Co. | \$1,724,000 | 10 out of 17 | \$1,481,000 | \$77,403,000 | 86% | - Private company, needs match | | |
| 106 | 2024-152 | Red River Basin Nutrient Offset Plan | Ted Preister, Red River Basin Commission | \$469,000 | 8 out of 17 | \$442,000 | \$77,845,000 | 94% | | Is the proposed project consistent with M.S. 116P.08 (2) that prohibits ENRTF spending for purposes of municipal water pollution control in municipalities with a population of 5,000 or more under the authority of chapters 115 and 116? | |
| 107 | 2024-174 | Birch Lake Marina Design (Phase 1) | Kathy Vraa, City of Babbitt | \$197,000 | 7 out of 17 | \$197,000 | \$78,042,000 | 100% | | Is the proposed project consistent with the constitutional purpose of the ENRTF? | |
| 108 | CUTOFF - \$1,602,000 Underallocation | | | | | | | | | | |
| 109 | 2024-003 | Legislative Discretion | LCCMR Universal Account, Legislative-Citizen Commission on Minnesota Resources | \$0 | 2 out of 17 | \$8,000,000 | \$86,042,000 | NA | | | |
| 110 | | | Total | \$83,808,000 | | \$86,042,000 | | | | | |
| 111 | | | Balance Remaining | -\$4,164,000 | | -\$6,398,000 | | | | | |