

Environment and Natural Resources Trust Fund
Final Work Plan Review and Approvals - M.L. 2023 (FY 2024)-June 22, 2023

Line #	Direct or Pass Through	Organization	First Name	Last Name	Subd.	Proposal ID	Title	Funding Amount Appropriated	Work Plan Approval Notes and Contingencies	Project Impact Area	Classified Staff	Fee Title Acquisition	Conservation Easement	Capital Expenditures	Peer Review Complete	Potential Revenue	Work Plan Approval Date
2	A. Consent Agenda - work plans accepted by staff with reasonable changes from original proposals																
3	Direct	Legislative-Citizen Commission on Minnesota Resources	Becca	Nash	10a	2023-001	LCCMR Administrative Budget	\$2,133,000	n/a	Statewide	No	No	No	No	n/a	No	n/a
4	Direct	Legislative-Citizen Commission on Minnesota Resources	Becca	Nash	10b	2023-002	Emerging Issues	\$767,000	n/a	Statewide	No	No	No	No	n/a	No	n/a
5	Direct	U of MN, College of Science and Engineering	Andrew	Wickert	04a	2023-004	Ditching Delinquent Ditches: Optimizing Wetland Restoration	\$199,000		Statewide	No	No	No	No	n/a	No	
6	Pass Through	Pheasants Forever Inc	Josh	Pommier	08a	2023-006	Minnesota Bee and Beneficial Species Habitat Enhancement II	\$876,000		Statewide	No	No	No	No	Yes	No	
7	Pass Through	Friends of the Boundary Waters Wilderness	Alison	Nyenhuis	05a	2023-008	Fostering Conservation by Connecting Students to the BWCA	\$1,080,000		Statewide	No	No	No	No	n/a	No	
8	Pass Through	Three Rivers Park District	John	Moriarty	08b	2023-010	Karner Blue Butterfly Insurance Population Establishment in Minnesota	\$405,000		Statewide	No	No	No	No	Yes	No	
9	Pass Through	ServeMinnesota	Sharon	Delcambre	07a	2023-013	Community Forestry AmeriCorps	\$1,500,000		Statewide	No	No	No	No	n/a	No	
10	Pass Through	Red River Basin Flood Damage Reduction Work Group	Andrew	Graham	04b	2023-022	Assessment of Red River Basin Project Outcomes	\$920,000		NW	No	No	No	No	n/a	No	
11	Pass Through	Eagle Bluff Environmental Learning Center	Colleen	Foehrenbacher	08c	2023-025	Root River Habitat Restoration at Eagle Bluff	\$866,000		Root River	No	No	No	No	n/a	No	
12	Direct	U of MN, St. Anthony Falls Laboratory	Jeffrey	Marr	04c	2023-026	Wind Wave and Boating Impacts on Inland Lakes	\$415,000		Statewide	No	No	No	No	Yes	No	
13	Direct	MN DNR, Ecological and Water Resources Division	Judy	Schulte	09a	2023-028	SNA Stewardship, Outreach, and Biodiversity Protection	\$1,919,000		Statewide	Yes	Yes	No	No	n/a	No	
14	Pass Through	City of Frazee	Stephanie	Poegel	09b	2023-032	Wannigan Regional Park Land Acquisition	\$727,000		NW	No	Yes	No	No	n/a	No	
15	Direct	MN DNR, State Parks and Trails Division	Audrey	Mularie	09c	2023-039	Local Parks, Trails and Natural Areas Grant Programs	\$3,802,000	This appropriation is for local nature-based recreation, connections to regional and state natural areas, and recreation facilities and may not be used for athletic facilities such as sport fields, courts, and playgrounds.	Statewide	Yes	Yes	No	Yes	n/a	No	
16	Pass Through	Great River Greening	Todd	Rexine	07b	2023-043	Biochar Implementation in Habitat Restoration: A Pilot	\$185,000		Central, Metro, SE	No	No	No	No	n/a	No	

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17	Pass Through	Friends of the Mississippi River	Alex	Roth	03a	2023-044	Assessing Restorations for Rusty-Patched and Other Bumblebee Habitat	\$75,000		Statewide	No	No	No	No	Yes	No	
18	Pass Through	Pioneer PBS	Cindy	Dorn	05b	2023-051	Statewide Environmental Education via PBS Outdoor Series	\$391,000		Statewide	No	No	No	No	n/a	No	
19	Direct	MN DNR, Ecological and Water Resources Division	Madeline	Pletta	08d	2023-060	Restoring Mussels in Streams and Lakes - Continuation	\$825,000		Statewide	Yes	No	No	No	n/a	No	
20	Direct	U of MN, Duluth	Julie	Etterson	08e	2023-061	Minnesota Million: Seedlings for Reforestation and CO2 Sequestration	\$906,000		Statewide	No	No	No	Yes	Yes	No	
21	Direct	MN DNR, Operational Services Division (OSD)	Mimi	Daniel	05c	2023-062	Increasing Diversity in Environmental Careers	\$763,000		Statewide	No	No	No	No	n/a	No	
22	Direct	U of MN, College of Science and Engineering	William	Arnold	04d	2023-063	Finding, Capturing, and Destroying PFAS in Minnesota Waters	\$478,000		Statewide	No	No	No	No	Yes	No	
23	Direct	MN DNR, Ecological and Water Resources Division	Judy	Schulte	09d	2023-064	Native Prairie Outreach and Stewardship through Native Prairie	\$620,000		Statewide	Yes	No	No	No	n/a	No	
24	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	John	Zobel	03b	2023-066	Removing Barriers to Carbon Market Entry	\$482,000		Statewide	No	No	No	No	Yes	No	
25	Pass Through	Audubon Minnesota	Dale	Gentry	03c	2023-072	Mapping Migratory Bird Pitstops in Minnesota	\$340,000		Statewide	No	No	No	No	Yes	No	
26	Direct	MN DNR, Grants Unit	Katherine	Sherman-Hoehn	10c	2023-073	Contract Agreement Reimbursement	\$224,000		Statewide	No	No	No	No	n/a	No	
27	Direct	U of MN, Duluth - Large Lakes Observatory	Elizabeth	Minor	04e	2023-074	Sinking and Suspended Microplastic Particles in Lake Superior	\$412,000	\$189,000 will come from GLPA; the remaining balance would come from ENRTF. (Does not affect how work plan is completed).	NE	No	No	No	No	Yes	No	
28	Pass Through	City of Wayzata	Nick	Kieser	08f	2023-080	Panoway on Wayzata Bay Shoreline Restoration Project	\$200,000	The recipient must report to the Legislative-Citizen Commission on Minnesota Resources on the effectiveness of any new methods tested while conducting the project and may use a portion of the appropriation to prepare that report.	Metro	No	No	No	No	Yes	No	
29	Direct	MN DNR, State Parks and Trails Division	Kent	Skaar	09e	2023-081	Minnesota State Trails Development	\$4,952,000		Statewide	No	No	No	Yes	n/a	No	

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30	Direct	MN DNR, Fish and Wildlife Division	Anthony	Sindt	03d	2023-086	Enhancing Knowledge of Minnesota River Fish Ecology	\$199,000		Lower Minnesota River, Minnesota River - Headwaters, Minnesota River - Mankato, Minnesota River - Yellow Medicine River	No	No	No	No	n/a	No	
31	Direct	U of MN, Duluth - NRRRI	Michael	Joyce	03e	2023-090	Changing Distribution of Flying Squirrel Species in Minnesota	\$186,000		Central, Metro, NE, NW, SE	No	No	No	No	Yes	No	
32	Pass Through	City of St. Joseph	Nate	Keller	09f	2023-091	Construction of East Park	\$700,000		Central	No	No	No	No	n/a	No	
33	Direct	MN DNR, Forestry Division	David	Wilson	03f	2023-092	Statewide Forest Carbon Inventory and Change Mapping	\$987,000		Statewide	No	No	No	No	Yes	No	
34	Direct	MN DNR, Ecological and Water Resources Division	Holly	Bernardo	07c	2023-101	Completing Installment of the Minnesota Ecological Monitoring Network	\$1,094,000		Statewide	Yes	No	No	No	Yes	No	
35	Pass Through	Great River Greening	Rebecca	Tucker	08g	2023-105	Pollinator Central III: Habitat Improvement with Community Monitoring	\$190,000		Metro	No	No	No	No	n/a	No	
36	Pass Through	University of St. Thomas	Kristine	Wammer	04f	2023-107	Ecotoxicological Impacts of Quinone Outside Inhibitor (Qoi) Fungicides	\$279,000		Statewide	No	No	No	No	Yes	No	
37	Pass Through	City of Scandia	Kyle	Morell	09g	2023-110	Scandia Gateway Trail to William O'Brien State Park	\$2,689,000	This project must be designed and constructed in accordance with Department of Natural Resources state trail standards. Engineering and construction plans must be approved by the commissioner of natural resources before construction may commence.	Statewide	No	No	No	No	n/a	No	
38	Pass Through	Great River Greening	Brad	Gordon	08h	2023-117	Restoring Forests and Savannas Using Silvopasture - Phase II	\$674,000		Statewide	No	No	No	No	n/a	No	

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39	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	Lynn	Waterhouse	03g	2023-120	Predicting the Future by Understanding the Past	\$170,000		Statewide	No	No	No	No	Yes	No	
40	Pass Through	Fillmore County Soil and Water Conservation District	Riley	Buley	04g	2023-129	Brightsdale Dam Channel Restoration	\$1,004,000		Root River	No	No	No	No	n/a	No	
41	Direct	U of MN, St. Anthony Falls Laboratory	Peter	Kang	04h	2023-134	Mapping Aquifer Recharge Potential	\$391,000	ENRTF funds will be used for educational purposes but not for any lobbying for recommended policy changes.	Statewide	No	No	No	No	Yes	No	
42	Pass Through	The Trust for Public Land	Eric	Weiss	08i	2023-135	Minnesota Community Schoolyards	\$1,433,000		Statewide	No	No	No	No	n/a	No	
43	Direct	Department of Military Affairs	Josh	Pennington	08j	2023-136	Pollinator Enhancement and Mississippi River Shoreline Restoration	\$187,000		Central	No	No	No	No	n/a	No	
44	Pass Through	Alexandria Lake Area Sanitary District (ALASD)	Scott	Gilbertson	04i	2023-137	ALASD's Chloride Source Reduction Pilot Program	\$764,000		Central	No	No	No	No	n/a	No	
45	Direct	U of MN, Duluth - NRRRI	Annie	Bracey	03h	2023-139	Assessing Status of Common Tern Populations in Minnesota	\$199,000		Statewide	No	No	No	No	n/a	No	
46	Pass Through	Pheasants Forever Inc	Tanner	Bruse	08k	2023-142	Conservation Cooperative for Working Lands	\$2,611,000		Statewide	No	No	No	No	n/a	No	
47	Direct	U of MN, Bell Museum of Natural History	Sushma	Reddy	03i	2023-146	Salvaged Wildlife to Inform Environmental Health, Ecology, Education	\$486,000		Statewide	No	No	No	No	n/a	No	
48	Pass Through	Superior Cycling Association	Paul	Nordlund	09h	2023-147	Grand Marais Mountain Bike Trail Rehabilitation-Phase II	\$200,000		NE	No	No	No	No	n/a	No	
49	Direct	MN DNR, State Parks and Trails Division	Shelby	Kok	09i	2023-148	Acquisition of State Parks and Trails In-holdings	\$5,425,000		Statewide	No	Yes	No	No	n/a	No	
50	Direct	U of MN, College of Biological Sciences	Natalia	Mossmann Koch	07d	2023-152	Lichens as Low-Cost Air Quality Monitors in Minnesota	\$341,000		Statewide	No	No	No	No	Yes	No	
51	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	Kenneth	Kozak	06a	2023-153	Northward Expansion of Ecologically Damaging Amphibians and Reptiles	\$163,000		Statewide	No	No	No	No	Yes	No	
52	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	Daniel	Cariveau	03j	2023-154	Developing Conservation Priorities for Rare and Specialist Bees	\$619,000		Statewide	No	No	No	No	Yes	No	
53	Direct	U of MN, Raptor Center	Victoria	Hall	05d	2023-167	Reducing Biophobia & Fostering Environmental Stewardship in Underserved Schools	\$180,000		Statewide	No	No	No	No	n/a	No	
54	Direct	Minnesota State Colleges and Universities, Bemidji State University	Jacob	Haus	03k	2023-169	Efficacy of Urban Archery Hunting to Manage Deer	\$393,000		Statewide	No	No	No	No	Yes	No	

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55	Direct	U of MN, College of Science and Engineering	Uwe	Kortshagen	07e	2023-171	Environment-Friendly Decarbonizing of Steel Production with Hydrogen Plasma	\$739,000		Statewide	No	No	No	No	Yes	Yes	
56	Direct	U of MN, MAISRC	Cori	Mattke	06b	2023-176	Developing Research-Based Solutions to Minnesota's AIS Problems	\$4,941,000	Authority for LCCMR staff to approve workplans for projects subsequently selected through the Center's RFP process and provided MAISRC conducts peer review of those projects in fulfillment of 116P.08.	Statewide	No	No	No	No	n/a	Yes	
57	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	Christian	Lenhart	08l	2023-177	Quantifying Environmental Benefits of Peatland Restoration in Minnesota	\$754,000		NE, NW	No	No	No	Yes	Yes	No	
58	Pass Through	Superior Hiking Trail Association	Lisa	Luukkala	08m	2023-181	Renewing Access to an Iconic North Shore Vista	\$197,000		Statewide	No	No	No	No	n/a	No	
59	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	James	Forester	03l	2023-183	Mapping the Ecology of Urban and Rural Canids	\$601,000		Statewide	No	No	No	No	Yes	No	
60	Direct	Science Museum of Minnesota	Joy	Hobbs	05e	2023-185	Sharing Minnesota's Biggest Environmental Investment	\$628,000	Includes coordination with the Legislative-Citizen Commission on Minnesota Resources (LCCMR).	Statewide	No	No	No	No	n/a	No	
61	Direct	U of MN, College of Food, Agricultural and Natural Resource Sciences	Marcella	Windmuller-Campione	03m	2023-186	Maximizing Lowland Conifer Ecosystem Services - Phase II	\$482,000		Statewide	No	No	No	No	Yes	No	
62	Pass Through	Superior Hiking Trail Association	Lisa	Luukkala	08n	2023-189	Addressing Erosion Along High Use River Loops	\$368,000		Statewide	No	No	No	No	n/a	No	
63	Pass Through	Sugarloaf The North Shore Stewardship Association	Molly	Thompson	05f	2023-201	North Shore Private Forestry Outreach and Implementation	\$375,000		NE	No	No	No	No	n/a	No	
64	Pass Through	City of Biwabik	Jeff	Jacobson	09k	2023-207	City of Biwabik Recreation	\$1,306,000		NE	No	No	No	No	n/a	No	
65	Direct	MN DNR, Ecological and Water Resources Division	Kristin	Hall	03n	2023-209	Modernizing Minnesota's Wildlife (and Plant) Action Plan	\$889,000		Statewide	Yes	No	No	No	n/a	No	
66	Pass Through	City of Silver Bay	Lana	Fralich	09l	2023-210	Silver Bay Multimodal Trailhead Project	\$1,970,000	Before any construction costs are incurred, the city must demonstrate that all funding to complete the project are secured.	Statewide	No	No	No	No	n/a	No	
67	Direct	Minnesota Pollution Control Agency	Eric	Pederson	08o	2023-211	Pollinator Habitat Creation at Minnesota Closed Landfills	\$1,508,000		Chisago, Hennepin, Mower, Pipestone, Stearns	No	No	No	No	n/a	No	

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68	Pass Through	Minneapolis Park and Recreation Board	Adam	Arvidson	08p	2023-212	Enhancing Habitat Connectivity within the Urban Mississippi Flyway	\$190,000		Metro	No	No	No	Yes	n/a	No	
69	Pass Through	Minneapolis Park and Recreation Board	Adam	Arvidson	09m	2023-213	Above the Falls Park Restoration Planning and Acquisition	\$1,376,000	This appropriation may not be used to purchase habitable residential structures. Before the acquisition, a phase 1 environmental assessment must be completed and the Minneapolis Park and Recreation Board must not accept any liability for previous contamination of lands acquired with this appropriation.	Metro	No	Yes	No	No	n/a	No	
70	Direct	U of MN, St. Anthony Falls Laboratory	Andy	Erickson	04j	2023-215	Removing CECs from Stormwater with Biofiltration	\$641,000		Statewide	No	No	No	No	Yes	No	
71	Pass Through	Hawk Ridge Bird Observatory	Janelle	Long	03o	2023-217	Linking Breeding and Migratory Bird Populations in Minnesota	\$199,000		Statewide	No	No	No	No	Yes	No	
72	Direct	MN DNR, Ecological and Water Resources Division	Emily	Peters	03p	2023-218	Old Growth Forest Monitoring	\$441,000		Statewide	Yes	No	No	No	n/a	No	
73	Direct	U of MN, Duluth - NRRRI	John	Du Plissis	03q	2023-222	Integrating Remotely Sensed Data with Traditional Forest Inventory	\$191,000		NE	No	No	No	No	Yes	No	
74	Pass Through	Minnesota Trout Unlimited	John	Lenczewski	05g	2023-223	Teaching Students about Watersheds through Outdoor Science	\$290,000		Statewide	No	No	No	No	n/a	No	
75	Pass Through	Minneapolis Park and Recreation Board	MaryLynn	Pulscher	05h	2023-229	Bioblitz Urban Parks: Engaging Communities in Scientific Efforts	\$198,000		Minneapolis	No	No	No	No	n/a	No	
76	Pass Through	Minnesota Discovery Center	Donna	Johnson	09n	2023-231	Redhead Mountain Bike Park	\$1,666,000		Statewide	No	No	No	No	n/a	No	
77	Pass Through	The Nature Conservancy	David	Ruff	03r	2023-232	Community Response Monitoring for Adaptive Management	\$483,000		Statewide	No	No	No	No	n/a	No	
78	Direct	Science Museum of Minnesota, St. Croix Watershed Research Station	Mark	Edlund	04k	2023-237	Didymo II The North Shore Threat Continues	\$394,000		Statewide	No	No	No	No	Yes	No	
79	Pass Through	Minnehaha Creek Watershed District	Brian	Beck	04l	2023-238	Leveraging Data Analytics Innovations for Watershed District Planning	\$738,000	Minnehaha Creek Watershed District may license third parties to use products developed with this appropriation without further approval from the legislature or the Legislative-Citizen Commission on Minnesota Resources, provided the licensing does not generate income.	Statewide	No	No	No	No	n/a	Yes	

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80	Direct	Minnesota Pollution Control Agency	David	Bael	07f	2023-240	Economic Analysis Guide for Minnesota Climate Investments	\$54,000		Statewide	No	No	No	No	n/a	No	
81	Pass Through	White Earth Band of Minnesota Chippewa Indians	Jamie	Konopacky	04m	2023-247	Protecting Minnesota's Headwaters of the Mississippi/Pineland Sands	\$1,693,000	ENRTF funds will be used for educational purposes but not for any lobbying for recommended policy changes.	Central	No	No	No	No	Yes	No	
82	Direct	U of MN, Bell Museum of Natural History	George	Weiblen	03s	2023-248	Minnesota Biodiversity Atlas - Phase III	\$797,000		Statewide	No	No	No	Yes	n/a	No	
83	Pass Through	Otter Tail County	Kevin	Fellbaum	09o	2023-249	Maplewood State Park Trail Segment	\$2,514,000	This project must be designed and constructed in accordance with Department of Natural Resources state trail standards. Engineering and construction plans must be approved by the commissioner of natural resources before construction may commence.	Central	No	No	No	No	n/a	No	
84	Pass Through	Otter Tail County	Kevin	Fellbaum	08r	2023-250	Phelps Mill Wetland and Prairie Restoration	\$974,000	Up to \$322,000 of this appropriation may be used to plan, engineer, and construct a boardwalk, viewing platforms, and soft trails within the park.	Central	No	No	No	No	n/a	No	
85	Direct	Legislative Coordinating Commission	LCCMR Universal	Account	10d	2023-255	LCC Legacy Website	\$2,000	n/a	Statewide	No	No	No	No	n/a	No	n/a
86	B. Work plans not currently ready for LCCMR approval due to various factors																
87	Pass Through	City of Duluth	Cliff	Knettel	09j	2023-172	St. Louis River Re-Connect - Phase II	\$1,375,000		NE	No	No	No	Yes	n/a	No	
88	Pass Through	EMERGE Community Development	Shawn	Dolan	08q	2023-219	Statewide Diversion of Furniture and Mattress Waste Pilots	\$2,833,000	Approval includes approval to reinvest in the project any revenue generated from selling products or assets developed or acquired with this appropriation according to the plan described in the work plan per 116P.10. See workplan for reinvestment plan.	Statewide	No	No	No	No	n/a	Yes	
89	C. Work plans for projects added by the Legislature																
90	Direct	MN DNR	Seth	Goreham	19		Neonicitinoid Impacts on Minnesota Deer and Prairie Chickens	\$176,000									