

M.L. 2021 Environment and Natural Resources Trust Fund (ENRTF)
House, Senate, and Conference Comparisons to Projects Tentatively Recommended by LCCMR
2020 RFP (FY21)

						LCCMR Tentative Recs (2020)	H.F. 1076 - Rep. Hansen (Author) As amended and passed on the House Floor 4/22/2021					S.F. 959 - Sen. Ingebrigtsen (Author) As amended and passed on the Senate Floor 4/19/2021					M.L. 2021, First Special Session, Chp. 6, Art. 5 Signed into law on 6/29/21					
Subd.	ENRTF ID	Title	Organization	Project Manager	Region*	Total ENRTF \$ FY2021	Subd.	ENRTF \$ FY2020	ENRTF \$ FY2021	TOTAL ENRTF \$	House Status compared to LCCMR tent. rec.	Subd.	ENRTF \$ FY2020	ENRTF \$ FY2021	TOTAL ENRTF \$	Senate Status compared to LCCMR tent. rec.	Subd.	ENRTF \$ Multiple FYs	ENRTF \$ FY2021	TOTAL ENRTF \$	First Special Session compared to LCCMR tent. rec.	Appropriation End Dates
Subd. 03 Foundational Natural Resource Data and Information (15 Projects - Subtotal = \$8,593,000)																						
03a	001-A	Geologic Atlases for Water Resource Management	U of MN - Minnesota Geological Survey	Barbara Lusardi	Statewide	\$ 2,000,000	03a	\$ -	\$ 2,000,000	\$ 2,000,000	No Change	03a	\$ -	\$ 2,000,000	\$ 2,000,000	No Change	03a	\$ -	\$ 2,000,000	\$ 2,000,000	No Change	6/30/2024
03b	002-A	Expanding Minnesota Ecological Monitoring Network	MN DNR	Hannah Texler Erika Rowe	Statewide	\$ 800,000	03b	\$ -	\$ 800,000	\$ 800,000	No Change	03b	\$ -	\$ 800,000	\$ 800,000	No Change	03b	\$ -	\$ 800,000	\$ 800,000	No Change	6/30/2024
03c	007-A	County Groundwater Atlas	MN DNR	Paul Putzler	Statewide	\$ 1,125,000	03c	\$ -	\$ 1,125,000	\$ 1,125,000	No Change	03c	\$ -	\$ 1,125,000	\$ 1,125,000	No Change	03c	\$ -	\$ 1,125,000	\$ 1,125,000	No Change	6/30/2024
03d	008-A	Foundational Hydrology Data for Wetland Protection and Restoration	MN DNR	Doug Norris Jennie Skancke	Statewide	\$ 400,000	03d	\$ -	\$ 400,000	\$ 400,000	No Change	03d	\$ -	\$ 400,000	\$ 400,000	No Change	03d	\$ -	\$ 400,000	\$ 400,000	No Change	6/30/2025
03e	014-A	Voyageurs Wolf Project – Phase II	U of MN	Joseph Bump	NE	\$ 575,000	03e	\$ -	\$ 575,000	\$ 575,000	No Change	03e	\$ -	\$ 575,000	\$ 575,000	No Change	03e	\$ -	\$ 575,000	\$ 575,000	No Change	6/30/2025
03f	016-A	Expanding Restoration and Promoting Awareness of Native Mussels	Minnesota Zoological Society	Seth Stapleton	Statewide	\$ 489,000	03f	\$ -	\$ 489,000	\$ 489,000	No Change	03f	\$ -	\$ 489,000	\$ 489,000	No Change	03f	\$ -	\$ 489,000	\$ 489,000	No Change	6/30/2025
03g	017-A	Improving Pollinator Conservation by Revealing Habitat Needs	U of MN	Colleen Satyshur	Statewide	\$ 500,000	03g	\$ -	\$ 500,000	\$ 500,000	No Change		\$ -	\$ -	\$ -	Deleted	03g	\$ -	\$ 500,000	\$ 500,000	No Change	6/30/2024
03h	018-A	Bee Minnesota - Protect Our Native Bumblebees	U of MN	Declan Schroeder	Statewide	\$ 650,000	03h	\$ -	\$ 650,000	\$ 650,000	No Change		\$ -	\$ -	\$ -	Deleted	03h	\$ -	\$ 650,000	\$ 650,000	No Change	6/30/2024
03i	019-A	Bobcat and Fisher Habitat Use and Interactions	U of MN	Michael Joyce	Central, Metro, NW, NE	\$ 400,000	03i	\$ -	\$ 400,000	\$ 400,000	No Change	03g	\$ -	\$ 400,000	\$ 400,000	No Change	03i	\$ -	\$ 400,000	\$ 400,000	No Change	6/30/2024
03j	025-A	Healthy Prairies III: Restoring Minnesota Prairie Plant Diversity	U of MN	Ruth Shaw	Central, Metro, NW, SW, SE	\$ 500,000	03j	\$ -	\$ 500,000	\$ 500,000	No Change	03h	\$ -	\$ 500,000	\$ 500,000	No Change	03j	\$ -	\$ 500,000	\$ 500,000	No Change	6/30/2024
03k	040-A	Freshwater Sponges and AIS: Engaging Citizen Scientists	U of MN	Venugopal Mukku	Statewide	\$ 400,000	03k	\$ -	\$ 400,000	\$ 400,000	No Change	03i	\$ -	\$ 400,000	\$ 400,000	No Change	03k	\$ -	\$ 400,000	\$ 400,000	No Change	6/30/2024
03l	047-AH	Do Beavers Buffer Against Droughts and Floods?	Voyageurs National Park	Steve Windels	NE	\$ 168,000	03l	\$ -	\$ 168,000	\$ 168,000	No Change	03j	\$ -	\$ 168,000	\$ 168,000	No Change	03l	\$ -	\$ 168,000	\$ 168,000	No Change	6/30/2024
03m	048-AH	Enhancing Bat Recovery by Optimizing Artificial Roost Structures	MN DNR	Ed Quinn	Statewide	\$ 190,000	03m	\$ -	\$ 190,000	\$ 190,000	No Change	03k	\$ -	\$ 190,000	\$ 190,000	No Change	03m	\$ -	\$ 190,000	\$ 190,000	No Change	6/30/2025
03n	049-AH	Tools for Supporting Healthy Ecosystems and Pollinators	MN DNR	Jessica Petersen	Statewide	\$ 198,000	03n	\$ -	\$ 198,000	\$ 198,000	No Change		\$ -	\$ -	\$ -	Deleted	03n	\$ -	\$ 198,000	\$ 198,000	No Change	6/30/2024
03o	056-AH	Conserving Black Terns and Forster's Terns in Minnesota	U of MN - Duluth NRI	Annie Bracey	Statewide	\$ 198,000	03o	\$ -	\$ 198,000	\$ 198,000	No Change	03l	\$ -	\$ 198,000	\$ 198,000	No Change	03o	\$ -	\$ 198,000	\$ 198,000	No Change	6/30/2024
Foundational Natural Resource Data and Information Subtotal =						\$ 8,593,000	\$ -		\$ 8,593,000	\$ 8,593,000		\$ -		\$ 7,245,000	\$ 7,245,000		\$ -		\$ 8,593,000	\$ 8,593,000		
Subd. 04 Water Resources (8 Projects - Subtotal = \$3,653,000)																						
04a	070-B	Unprecedented Change Threatens Minnesota's Pristine Lakes	Science Museum of Minnesota	Mark Edlund	Central, NW, NE	\$ 600,000	---		\$ -	\$ -	Replaced and increased with a transfer- see Sec. 20	---	\$ -	\$ -	\$ -	Deleted	04a	\$ -	\$ -	\$ -	Replaced and decreased in "Subd 20a1 "	6/30/2024
04b	080-B	Managing Highly Saline Waste from Municipal Water Treatment	U of MN	Natasha Wright	Statewide	\$ 250,000	04a	\$ -	\$ 250,000	\$ 250,000	No Change	04a	\$ -	\$ 250,000	\$ 250,000	No Change	04b	\$ -	\$ 250,000	\$ 250,000	No Change	6/30/2024
04c	083-B	Technology for Energy-Generating On-site Industrial Wastewater Treatment	U of MN	Paige Novak	Statewide	\$ 450,000	04b	\$ -	\$ 450,000	\$ 450,000	No Change	04b	\$ -	\$ 450,000	\$ 450,000	No Change	04c	\$ -	\$ 450,000	\$ 450,000	No Change	6/30/2024
04d	087-B	Microplastics: Transporters of Contaminants in Minnesota Waters	U of MN	Lee Penn	Statewide	\$ 425,000	04c	\$ -	\$ 425,000	\$ 425,000	No Change		\$ -	\$ -	\$ -	Deleted	04d	\$ -	\$ 425,000	\$ 425,000	No Change	6/30/2024
04e	098-B	Developing Strategies to Manage PFAS in Land-Applied Biosolids	Minnesota Pollution Control Agency	Summer Streets	Statewide	\$ 1,000,000	04d	\$ -	\$ 1,404,000	\$ 1,404,000	Increased by \$404,000	04c	\$ -	\$ 1,034,000	\$ 1,034,000	Increased by \$34,000	04e	\$ -	\$ 1,404,000	\$ 1,404,000	Increased by \$404,000	6/30/2024
04f	104-B	Quantifying New Urban Precipitation and Water Reality	U of MN	Joe Magner	Statewide	\$ 500,000	04e	\$ -	\$ 500,000	\$ 500,000	No Change	04d	\$ -	\$ 500,000	\$ 500,000	No Change	04f	\$ -	\$ 500,000	\$ 500,000	No Change	6/30/2024
04g	114-B	Innovative Solution for Protecting Minnesota from PFAS Contamination	Dem-Con	Bill Keegan	Metro	\$ 250,000	04f	\$ -	\$ 250,000	\$ 250,000	No Change	04e	\$ -	\$ 250,000	\$ 250,000	No Change	04g	\$ -	\$ 250,000	\$ 250,000	No Change	6/30/2024
04h	116-BH	Expanding Protection of Minnesota Water through Industrial Conservation	U of MN	Laura Babcock	Statewide	\$ 178,000	04g	\$ -	\$ 178,000	\$ 178,000	No Change	04f	\$ -	\$ 178,000	\$ 178,000	No Change	04h	\$ -	\$ 178,000	\$ 178,000	No Change	6/30/2024
Water Resources Subtotal =						\$ 3,653,000	\$ -		\$ 3,457,000	\$ 3,457,000		\$ -		\$ 2,662,000	\$ 2,662,000		\$ -		\$ 3,457,000	\$ 3,457,000		
Subd. 05 Technical Assistance, Outreach, and Environmental Education (9 Projects - Subtotal = \$2,738,000)																						
05a	122-C	Statewide Environmental Education via Public Television Outdoor Series	Pioneer Public Television	Cindy Dorn	Statewide	\$ 300,000	05a	\$ -	\$ 300,000	\$ 300,000	No Change	05a	\$ -	\$ 300,000	\$ 300,000	No Change	05a	\$ -	\$ 300,000	\$ 300,000	No Change	6/30/2024
05b	123-C	Minnesota Freshwater Quest: Environmental Education on State Waterways	Wilderness Inquiry	Julie Edmiston	Statewide	\$ 500,000	05b	\$ -	\$ 500,000	\$ 500,000	No Change		\$ -	\$ -	\$ -	Deleted	05b	\$ -	\$ 500,000	\$ 500,000	No Change	6/30/2024
05c	124-C	Teach Science: Schools as STEM Living Laboratories	Climate Generation: A Will Steger Legacy	Kristen Poppleton	Statewide	\$ 250,000	05c	\$ -	\$ 368,000	\$ 368,000	Increased by \$118,000		\$ -	\$ -	\$ -	Deleted	05c	\$ -	\$ 250,000	\$ 250,000	No Change	6/30/2024

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Subd.	ENRTF ID	Title	Organization	Project Manager	Region*	Total ENRTF \$ FY2021	Subd.	ENRTF \$ FY2020	ENRTF \$ FY2021	TOTAL ENRTF \$	House Status compared to LCCMR tent. rec.	Subd.	ENRTF \$ FY2020	ENRTF \$ FY2021	TOTAL ENRTF \$	Senate Status compared to LCCMR tent. rec.	Subd.	ENRTF \$ Multiple FYs	ENRTF \$ FY2021	TOTAL ENRTF \$	First Special Session compared to LCCMR tent. rec.	Appropriation End Dates	
05d	125-C	Mentoring Next Generation of Conservation Professionals	Minnesota Valley National Wildlife Refuge Trust, Inc.	Deborah Loon	Central, Metro, SE	\$ 500,000	05d	\$ -	\$ 500,000	\$ 500,000	No Change	05b	\$ -	\$ 500,000	\$ 500,000	No Change	05d	\$ -	\$ 500,000	\$ 500,000	No Change	6/30/2024	
05e	127-C	Jay C. Hormel Nature Center Supplemental Teaching Staff	City of Austin	Luke Reese	SE	\$ 225,000	05e	\$ -	\$ 225,000	\$ 225,000	No Change	05c	\$ -	\$ 225,000	\$ 225,000	No Change	05e	\$ -	\$ 225,000	\$ 225,000	No Change	6/30/2024	
05f	129-C	375 Underserved Youth Learn Minnesota Ecosystems by Canoe	YMCA of the Greater Twin Cities	Kurt Simer	Metro, NE	\$ 375,000	05f	\$ -	\$ 375,000	\$ 375,000	No Change	05d	\$ -	\$ 375,000	\$ 375,000	No Change	05f	\$ -	\$ 375,000	\$ 375,000	No Change	6/30/2025	
05g	137-CH	YES! Students Take on Water Quality Challenge - Phase II	Prairie Woods Environmental Learning Center	Shelli-Kae Foster	Statewide	\$ 199,000	05g	\$ -	\$ 199,000	\$ 199,000	No Change	05e	\$ -	\$ 199,000	\$ 199,000	No Change	05g	\$ -	\$ 199,000	\$ 199,000	No Change	6/30/2024	
05h	138-CH	Engaging Minnesotans with Phenology: Radio, Podcasts, Citizen Science	Northern Community Radio, Inc.	Maggie Montgomery	Statewide	\$ 198,000	05h	\$ -	\$ 198,000	\$ 198,000	No Change	05f	\$ -	\$ 198,000	\$ 198,000	No Change	05h	\$ -	\$ 198,000	\$ 198,000	No Change	6/30/2024	
05i	139-CH	Driving Conservation Behavior for Native Mussels and Water Quality	Minnesota Zoo	Emily Kalnicky Carol Strecker	Statewide	\$ 191,000	05i	\$ -	\$ 191,000	\$ 191,000	No Change	05g	\$ -	\$ 191,000	\$ 191,000	No Change	05i	\$ -	\$ 191,000	\$ 191,000	No Change	6/30/2024	
---	---	Workshops and Outreach to Protect Raptors from Lead Poisoning	U of MN	Julia Ponder	Statewide	\$ -	05j	\$ -	\$ 133,000	\$ 133,000	Added	05h	\$ -	\$ 133,000	\$ 133,000	Added	05j	\$ -	\$ 133,000	\$ 133,000	Added	6/30/2024	
Technical Assistance, Outreach, and Environmental Education Subtotal =						\$ 2,738,000	\$ - \$ 2,989,000 \$ 2,989,000					\$ - \$ 2,121,000 \$ 2,121,000					\$ - \$ 2,871,000 \$ 2,871,000						
Subd. 06 Aquatic and Terrestrial Invasive Species (7 Projects - Subtotal = \$10,425,000)																							
06a	155-D	Minnesota Invasive Terrestrial Plants and Pests Center (MITPPC) - Phase V	U of MN - MITPPC	Robert Venette	Statewide	\$ 5,000,000	06a	\$ -	\$ 5,000,000	\$ 5,000,000	No Change	06a	\$ -	\$ 5,000,000	\$ 5,000,000	No Change	06a	\$ -	\$ 5,000,000	\$ 5,000,000	No Change	6/30/2026	
06b	156-D	Protect Community Forests by Managing Ash for Emerald Ash Borer	MN DNR	Valerie McClannahan	Statewide	\$ 3,500,000	06b	\$ -	\$ 3,500,000	\$ 3,500,000	No Change; increased with a transfer - see Subd 20	06b	\$ -	\$ 3,500,000	\$ 3,500,000	No Change	06b	\$ -	\$ 3,500,000	\$ 3,500,000	No Change	6/30/2025	
06c	157-D	Biological Control of White-Nose Syndrome in Bats - Phase III	U of MN	Christine Salomon	Statewide	\$ 440,000	06c	\$ -	\$ 440,000	\$ 440,000	No Change	06c	\$ -	\$ 440,000	\$ 440,000	No Change	06c	\$ -	\$ 440,000	\$ 440,000	No Change	6/30/2024	
06d	158-D	Applying New Tools and Techniques Against Invasive Carp	MN DNR	Brian Nerbonne	Central, SW	\$ 478,000	06d	\$ -	\$ 478,000	\$ 478,000	No Change	06d	\$ -	\$ 478,000	\$ 478,000	No Change	06d	\$ -	\$ 478,000	\$ 478,000	No Change	6/30/2024	
06e	159-D	Emerald Ash Borer and Black Ash: Maintaining Forests and Benefits	U of MN	Robert Slesak Alexis Grinde	Statewide	\$ 700,000	06e	\$ -	\$ 700,000	\$ 700,000	No Change	06e	\$ -	\$ 700,000	\$ 700,000	No Change	06e	\$ -	\$ 700,000	\$ 700,000	No Change	6/30/2026	
06f	167-DH	Testing Effectiveness of Aquatic Invasive Species Removal Methods	U of MN - Duluth NRRI	Valerie Brady	Statewide	\$ 110,000	06f	\$ -	\$ 110,000	\$ 110,000	No Change	06f	\$ -	\$ 110,000	\$ 110,000	No Change	06f	\$ -	\$ 110,000	\$ 110,000	No Change	6/30/2024	
06g	168-DH	Invasive <i>Didymosphenia</i> Threatens North Shore Streams	Science Museum of Minnesota	Mark Edlund	NE	\$ 197,000	06g	\$ -	\$ 197,000	\$ 197,000	No Change	06g	\$ -	\$ 197,000	\$ 197,000	No Change	06g	\$ -	\$ 197,000	\$ 197,000	No Change	6/30/2024	
Aquatic and Terrestrial Invasive Species Subtotal =						\$ 10,425,000	\$ - \$ 10,425,000 \$ 10,425,000					\$ - \$ 10,425,000 \$ 10,425,000					\$ - \$ 10,425,000 \$ 10,425,000						
Subd. 07 Air Quality and Renewable Energy (3 Projects - Subtotal = \$573,000)																							
07a	173-E	Storing Renewable Energy in Flow Battery for Grid Use	U of MN - Morris	Bryan Herrmann	Central	\$ 250,000	07a	\$ -	\$ 250,000	\$ 250,000	No Change	07a	\$ -	\$ 250,000	\$ 250,000	No Change	07a	\$ -	\$ 250,000	\$ 250,000	No Change	6/30/2024	
07b	198-EH	Eco-Friendly Plastics from Cloquet Pulp-Mill Lignin	U of MN	Simo Sarkanen	Central, NW, NE	\$ 193,000	07b	\$ -	\$ 193,000	\$ 193,000	No Change	07b	\$ -	\$ 193,000	\$ 193,000	No Change	07b	\$ -	\$ 193,000	\$ 193,000	No Change	6/30/2024	
07c	199-EH	Diverting Unsold Food from Landfills and Reducing Greenhouse Gases	Second Harvest Heartland	April Reg Julie Vanhove	Metro	\$ 130,000	07c	\$ -	\$ 130,000	\$ 130,000	No Change	07c	\$ -	\$ 130,000	\$ 130,000	No Change	07c	\$ -	\$ 130,000	\$ 130,000	No Change	6/30/2024	
Air Quality and Renewable Energy Subtotal =						\$ 573,000	\$ - \$ 573,000 \$ 573,000					\$ - \$ 573,000 \$ 573,000					\$ - \$ 573,000 \$ 573,000						
Subd. 08 Methods to Protect or Restore Land, Water, and Habitat (12 Projects - Subtotal = \$4,219,000)																							
08a	207-F	Pollinator Central: Habitat Improvement with Citizen Monitoring	Great River Greening	Rebecca Tucker	Central, Metro	\$ 750,000	08a	\$ -	\$ 750,000	\$ 750,000	No Change		\$ -	\$ -	\$ -	Deleted	08a	\$ -	\$ 750,000	\$ 750,000	No Change	6/30/2025	
08b	209-F	Pollinator and Beneficial Insect Strategic Habitat Program	MN Board of Water and Soil Resources	Dan Shaw	Statewide	\$ 750,000	08b	\$ -	\$ 750,000	\$ 750,000	No Change		\$ -	\$ -	\$ -	Deleted	08b	\$ -	\$ 750,000	\$ 750,000	No Change	6/30/2025	
08c	215-F	Lignin-Coated Fertilizers for Phosphate Control	U of MN - Duluth NRRI	Eric Singsaas	Statewide	\$ 250,000	08c	\$ -	\$ 250,000	\$ 250,000	No Change	08a	\$ -	\$ 250,000	\$ 250,000	No Change	08c	\$ -	\$ 250,000	\$ 250,000	No Change	6/30/2024	
08d	216-F	Implementing Hemp Crop Rotation to Improve Water Quality	Central Lakes College	Keith Olander	Central, Metro, SW	\$ 700,000	08d	\$ -	\$ 700,000	\$ 700,000	No Change	08b	\$ -	\$ 700,000	\$ 700,000	No Change	08d	\$ -	\$ 700,000	\$ 700,000	No Change	6/30/2025	
08e	218-F	Developing Cover-Crop Systems for Sugar Beet Production	U of MN	Anna Cates	Central, NW	\$ 300,000	08e	\$ -	\$ 300,000	\$ 300,000	No Change	08c	\$ -	\$ 300,000	\$ 300,000	No Change	08e	\$ -	\$ 300,000	\$ 300,000	No Change	6/30/2024	
08f	219-F	Native Eastern Larch Beetle Decimating Minnesota's Tamarack Forests	U of MN	Brian Aukema	Central, Metro, NW, NE	\$ 398,000	08f	\$ -	\$ 398,000	\$ 398,000	No Change	08d	\$ -	\$ 398,000	\$ 398,000	No Change	08f	\$ -	\$ 398,000	\$ 398,000	No Change	6/30/2025	

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Subd.	ENRTF ID	Title	Organization	Project Manager	Region*	Total ENRTF \$ FY2021	Subd.	ENRTF \$ FY2020	ENRTF \$ FY2021	TOTAL ENRTF \$	House Status compared to LCCMR tent. rec.	Subd.	ENRTF \$ FY2020	ENRTF \$ FY2021	TOTAL ENRTF \$	Senate Status compared to LCCMR tent. rec.	Subd.	ENRTF \$ Multiple FYs	ENRTF \$ FY2021	TOTAL ENRTF \$	First Special Session compared to LCCMR tent. rec.	Appropriation End Dates		
08g	224-F	Habitat Associations of Mississippi Bottomland Forest Marsh Birds	National Audubon Society	Luis Ramirez Andrew Beebe	SE	\$ 275,000	08g	\$ -	\$ 275,000	\$ 275,000	No Change	08e	\$ -	\$ 275,000	\$ 275,000	No Change	08g	\$ -	\$ 275,000	\$ 275,000	No Change	6/30/2025		
08h	244-FH	Peatland Restoration in the Lost River State Forest	Roseau River Watershed District	Torin McCormack	NW	\$ 135,000	08h	\$ -	\$ 135,000	\$ 135,000	No Change	08f	\$ -	\$ 135,000	\$ 135,000	No Change	08h	\$ -	\$ 135,000	\$ 135,000	No Change	6/30/2024		
08i	245-FH	Prescribed Burning for Brushland-Dependent Species - Phase II	U of MN	Rebecca Montgomery	NE	\$ 147,000	08i	\$ -	\$ 147,000	\$ 147,000	No Change	08g	\$ -	\$ 147,000	\$ 147,000	No Change	08i	\$ -	\$ 147,000	\$ 147,000	No Change	6/30/2024		
08j	247-FH	Pollinator Habitat Creation Along Urban Mississippi River	Friends of the Mississippi River	Betsy Daub Lisa Mueller	Metro	\$ 129,000	08j	\$ -	\$ 129,000	\$ 129,000	No Change		\$ -	\$ -	\$ -	Deleted	08j	\$ -	\$ 129,000	\$ 129,000	No Change	6/30/2025		
08k	255-FH	Increase Golden Shiner Production to Protect Aquatic Communities	U of MN - Duluth - Sea Grant	John Downing Amy Schrank	Statewide	\$ 188,000	08k	\$ -	\$ 188,000	\$ 188,000	No Change	08h	\$ -	\$ 188,000	\$ 188,000	No Change	08k	\$ -	\$ 188,000	\$ 188,000	No Change	6/30/2024		
08l	259-FH	Restoring Turf to Native Pollinator Gardens Across Metro	Wilderness in the City	Holly Jenkins	Metro	\$ 197,000	08l	\$ -	\$ 197,000	\$ 197,000	No Change		\$ -	\$ -	\$ -	Deleted	08l	\$ -	\$ 197,000	\$ 197,000	No Change	6/30/2024		
---	---	Lawns to Legumes	BWSR	Dan Shaw	Statewide	\$ -		\$ -	\$ -	\$ -			\$ -	\$ -	\$ -		08M	\$ -	\$ 118,000	\$ 118,000	Added	6/30/2024		
Methods to Protect or Restore Land, Water, and Habitat Subtotal =						\$ 4,219,000						\$ -	\$ 2,393,000	\$ 2,393,000										
Subd. 09 Land Acquisition, Habitat, and Recreation (21 Projects - Subtotal = \$29,551,000)																	\$ -	\$ 4,337,000	\$ 4,337,000					
09a	261-G	DNR Scientific and Natural Areas	MN DNR	Molly Roske	Statewide	\$ 3,000,000	09a	\$ -	\$ 3,000,000	\$ 3,000,000	No Change	09a	\$ -	\$ 2,000,000	\$ 2,000,000	Reduced	09a	\$ -	\$ 3,000,000	\$ 3,000,000	No Change	6/30/2024		
09b	262-G	Private Native Prairie Conservation through Native Prairie Bank	MN DNR	Judy Schulte	Central, NW, SW, SE	\$ 2,000,000	09b	\$ -	\$ 2,000,000	\$ 2,000,000	No Change	09b	\$ -	\$ 2,000,000	\$ 2,000,000	No Change	09b	\$ -	\$ 2,000,000	\$ 2,000,000	No Change	6/30/2024		
09c	263-G	Minnesota State Parks and State Trails Inholdings	MN DNR	Shelby Kok	Statewide	\$ 3,500,000	09c	\$ -	\$ 3,500,000	\$ 3,500,000	No Change	09c	\$ -	\$ 6,000,000	\$ 6,000,000	Increased (\$3,500,000)	09c	\$ -	\$ 3,500,000	\$ 3,500,000	No Change	6/30/2024		
09d	264-G	Grants for Local Parks, Trails, and Natural Areas	MN DNR	Audrey Mularie	Statewide	\$ 2,400,000	09d	\$ -	\$ 2,400,000	\$ 2,400,000	No Change	09d	\$ -	\$ 2,400,000	\$ 2,400,000	No Change	09d	\$ -	\$ 2,400,000	\$ 2,400,000	No Change	6/30/2024		
09e	265-G	Mississippi River Aquatic Habitat Restoration and Mussel Reintroduction	Minneapolis Park and Recreation Board	Adam Arvidson	Metro	\$ 1,800,000	09e	\$ -	\$ 1,800,000	\$ 1,800,000	No Change	09e	\$ -	\$ 1,800,000	\$ 1,800,000	No Change	09e	\$ -	\$ 1,800,000	\$ 1,800,000	No Change	6/30/2027		
09f	266-G	Minnesota Hunter Walking Trails: Public Land Recreational Access	Ruffed Grouse Society	Gary Drotts	Central, NW, NE	\$ 300,000	09f	\$ -	\$ 300,000	\$ 300,000	No Change	09f	\$ -	\$ 300,000	\$ 300,000	No Change	09f	\$ -	\$ 300,000	\$ 300,000	No Change	6/30/2024		
09g	267-G	Turning Back to Rivers: Environmental and Recreational Protection	The Trust for Public Land	DJ Forbes	Central, Metro, SW, SE	\$ 1,000,000	09g	\$ -	\$ 1,000,000	\$ 1,000,000	No Change	09g	\$ -	\$ 1,000,000	\$ 1,000,000	No Change	09g	\$ -	\$ 1,000,000	\$ 1,000,000	No Change	6/30/2024		
09h	268-G	Metropolitan Regional Parks System Land Acquisition - Phase VI	Metropolitan Council	Jessica Lee	Metro	\$ 1,000,000	09h	\$ -	\$ 1,000,000	\$ 1,000,000	No Change	09h	\$ -	\$ 1,000,000	\$ 1,000,000	No Change	09h	\$ -	\$ 1,000,000	\$ 1,000,000	No Change	6/30/2024		
09i	269-G	Minnesota State Trails Development	MN DNR	Kent Skaar	Statewide	\$ 994,000	09i	\$ -	\$ 994,000	\$ 994,000	No Change	09i	\$ -	\$ 994,000	\$ 994,000	No Change	09i	\$ -	\$ 994,000	\$ 994,000	No Change	6/30/2024		
09j	270-G	Elm Creek Restoration - Phase IV	City of Champlin	Todd Tuominen	Metro	\$ 500,000	09j	\$ -	\$ 500,000	\$ 500,000	No Change	09j	\$ -	\$ 500,000	\$ 500,000	No Change	09j	\$ -	\$ 500,000	\$ 500,000	No Change	6/30/2024		
09k	271-G	Superior Hiking Trail As Environmental Showcase	Superior Hiking Trail Association	Denny Caneff	NE	\$ 450,000	09k	\$ -	\$ 450,000	\$ 450,000	No Change	09k	\$ -	\$ 450,000	\$ 450,000	No Change	09k	\$ -	\$ 450,000	\$ 450,000	No Change	6/30/2024		
09l	274-G	Upper St. Anthony Falls Enhancements	Friends of the Lock & Dam	Kjersti Monson	Metro	\$ 2,800,000	09l	\$ -	\$ 2,800,000	\$ 2,800,000	No Change	09l	\$ -	\$ 2,800,000	\$ 2,800,000	No Change	09l	\$ -	\$ 2,800,000	\$ 2,800,000	No Change	6/30/2024		
09m	275-G	Whiskey Creek and Mississippi River Water Quality, Habitat, and Recreation	Mississippi Headwaters Board	Tim Terrill	Central	\$ 500,000	09m	\$ -	\$ 500,000	\$ 500,000	No Change	09m	\$ -	\$ 500,000	\$ 500,000	No Change	09m	\$ -	\$ 500,000	\$ 500,000	No Change	6/30/2024		
09n	276-G	Perham to Pelican Rapids Regional Trail (West Segment)	Otter Tail County	Charles Grotte Matthew Yavarow	Central	\$ 2,600,000	09n	\$ -	\$ 2,600,000	\$ 2,600,000	No Change	09n	\$ -	\$ 2,600,000	\$ 2,600,000	No Change	09n	\$ -	\$ 2,600,000	\$ 2,600,000	No Change	6/30/2024		
09o	277-G	Crow Wing County Community Natural Area Acquisition	Crow Wing County	Ryan Simonson	Central	\$ 400,000	09o	\$ -	\$ 400,000	\$ 400,000	No Change	09o	\$ -	\$ 400,000	\$ 400,000	No Change	09o	\$ -	\$ 400,000	\$ 400,000	No Change	6/30/2024		
09p	279-G	Rocori Trail - Phase III	Rocori Trail Construction Board	Pete Weber Kevin Mooney	Central	\$ 1,200,000	09p	\$ -	\$ 1,200,000	\$ 1,200,000	No Change	09p	\$ -	\$ 1,200,000	\$ 1,200,000	No Change	09p	\$ -	\$ 1,200,000	\$ 1,200,000	No Change	6/30/2024		
09q	281-G	Mesabi Trail: New Trail and Additional Funding	St. Louis and Lake Counties Regional Railroad Authority	Robert Manzeline Bill Dahl	NE	\$ 1,000,000	09q	\$ -	\$ 1,000,000	\$ 1,000,000	No Change	09q	\$ -	\$ 1,000,000	\$ 1,000,000	No Change	09q	\$ -	\$ 1,000,000	\$ 1,000,000	No Change	6/30/2024		
09r	283-G	Ranier Safe Harbor and Transient Dock on Rainy Lake	City of Ranier	Sherril Gautreaux	NE	\$ 762,000	09r	\$ -	\$ 762,000	\$ 762,000	No Change	09r	\$ -	\$ 762,000	\$ 762,000	No Change	09r	\$ -	\$ 762,000	\$ 762,000	No Change	6/30/2024		
09s	284-G	Crane Lake Voyageurs National Park Campground and Visitors Center	Town of Crane Lake	Jim Janssen	NE	\$ 3,100,000	09s	\$ -	\$ 3,100,000	\$ 3,100,000	No Change	09s	\$ -	\$ 3,100,000	\$ 3,100,000	No Change	09s	\$ -	\$ 3,100,000	\$ 3,100,000	No Change	6/30/2024		
09t	285-GH	Chippewa County Acquisition, Recreation and Education	Chippewa County	Scott Williams	SW	\$ 160,000	09t	\$ -	\$ 160,000	\$ 160,000	No Change	09t	\$ -	\$ 160,000	\$ 160,000	No Change	09t	\$ -	\$ 160,000	\$ 160,000	No Change	6/30/2024		
09u	289-GH	Sportsmen's Training and Developmental Learning Center	Minnesota Forest Zone Trappers Association	Ray Sogard	NE	\$ 85,000	09u	\$ -	\$ 85,000	\$ 85,000	No Change	09u	\$ -	\$ 85,000	\$ 85,000	No Change	09u	\$ -	\$ 85,000	\$ 85,000	No Change	6/30/2024		
---	---	Birch Lake Recreation Area	City of Babbitt	Cathy Bissonette		\$ -	09v	\$ -	\$ 350,000	\$ 350,000	Added	09v	\$ -	\$ 350,000	\$ 350,000	Added	09v	\$ -	\$ 350,000	\$ 350,000	Added	6/30/2025		

M.L. 2021 Environment and Natural Resources Trust Fund (ENRTF)
House, Senate, and Conference Comparisons to Projects Tentatively Recommended by LCCMR
2020 RFP (FY21)

						LCCMR Tentative Recs (2020)	H.F. 1076 - Rep. Hansen (Author) As amended and passed on the House Floor 4/22/2021					S.F. 959 - Sen. Ingebrigtsen (Author) As amended and passed on the Senate Floor 4/19/2021				M.L. 2021, First Special Session, Chp. 6, Art. 5 Signed into law on 6/29/21							
Subd.	ENRTF ID	Title	Organization	Project Manager	Region*	Total ENRTF \$ FY2021	Subd.	ENRTF \$ FY2020	ENRTF \$ FY2021	TOTAL ENRTF \$	House Status compared to LCCMR tent. rec.	Subd.	ENRTF \$ FY2020	ENRTF \$ FY2021	TOTAL ENRTF \$	Senate Status compared to LCCMR tent. rec.	Subd.	ENRTF \$ Multiple FYs	ENRTF \$ FY2021	TOTAL ENRTF \$	First Special Session compared to LCCMR tent. rec.	Appropriation End Dates	
Land Acquisition, Habitat, and Recreation Subtotal =						\$ 29,551,000		\$ -	\$ 29,901,000	\$ 29,901,000			\$ -	\$ 31,401,000	\$ 31,401,000			\$ -	\$ 29,901,000	\$ 29,901,000			
Subd. XX Emerging Issues Account; Wastewater Renewable Energy Demonstration Grants (1 Project - Subtotal = \$1,095,000)													Subd. 10 Additional Projects					Subd. 10 Emerging Issues Account					
---	---	Wastewater Renewable Energy Demonstration Grants	LCCMR/PFA	Becca Nash	Statewide	\$ -	10	\$ -	\$ 1,095,000	\$ 1,095,000	Added/Modified old Subd. 11		\$ -	\$ -	\$ -		10		\$ 1,095,000	\$ 1,095,000	Modified old Subd. 11	6/30/2024	
---	---	Mora Lake High Water Mitigation	City of Mora			\$ -						10a	\$ -	\$ 200,000	\$ 200,000	Added						6/30/2024	
---	---	Wastewater Pond Optimization	Minnesota Pollution Control Agency			\$ -						10b	\$ -	\$ 750,000	\$ 750,000	Added						6/30/2024	
---	---	Applied Research in State Mineral and Water Resources	UMN- NRRI			\$ -						10c	\$ -	\$ 750,000	\$ 750,000	Added						6/30/2024	
---	---	Chloride Pollution Reduction	Minnesota Pollution Control Agency			\$ -						10d	\$ -	\$ 500,000	\$ 500,000	Added						6/30/2024	
---	---	Wastewater Grants for Small Communities	Public Facilities Authority	Jeff Freeman		\$ -						10e-1	\$ -	\$ -	\$ -								
---	---	Wastewater Grants for Small Communities	West Central Initiative (MPCA pass-thru)			\$ -						10e-2	\$ -	\$ -	\$ -								
		Rural Septic System Assistance Grants	Minnesota Department of Agriculture									10f	\$ -	\$ -	\$ -								
		Father Hennepin State Park Water Protection	MN DNR									10g	\$ -	\$ -	\$ -								
		Water Volume, Quality, and Storage Program	BWSR									10h	\$ -	\$ 788,000	\$ 788,000	Added						6/30/2025	
		Blue Earth County Storm Water Management	Blue Earth County									10i	\$ -	\$ 14,000	\$ 14,000	Added						6/30/2024	
		Madelia Floodplain Modeling	City of Madelia									10j	\$ -	\$ 105,000	\$ 105,000	Added						6/30/2024	
		Waterville River Gauge and Flood Study	City of Waterville									10k	\$ -	\$ 513,000	\$ 513,000	Added						6/30/2024	
		Storm Water Retention in Urban Areas	Minnesota Pollution Control Agency									10l	\$ -	\$ 564,000	\$ 564,000	Added						6/30/2024	
		Water Storage and Quality Plan	BWSR									10m	\$ -	\$ 248,000	\$ 248,000	Added						6/30/2024	
Subd XX Subtotal =						\$ -		\$ -	\$ 1,095,000	\$ 1,095,000			\$ -	\$ 4,432,000	\$ 4,432,000			\$ -	\$ 1,095,000	\$ 1,095,000			
Subd. 10 Contract Agreement Reimbursement (1 Project - Subtotal = \$135,000)							Subd. 11						Subd. 11					Subd. 11 Contract Agreement Reimbursement					
10	290-I	Contract Agreement Reimbursement	MN DNR	Katherine Sherman-Hoehn	Statewide	\$ 135,000	11	\$ -	\$ 135,000	\$ 135,000	No Change	11	\$ -	\$ 135,000	\$ 135,000	No Change	11	\$ -	\$ 135,000	\$ 135,000	No Change	6/30/2024	
Contract Agreement Reimbursement Subtotal =						\$ 135,000		\$ -	\$ 135,000	\$ 135,000			\$ -	\$ 135,000	\$ 135,000			\$ -	\$ 135,000	\$ 135,000			
Subd. 11 Wastewater Treatment Recommendations (1 Project - Subtotal = \$1,500,000)																							
11	291-J	Wastewater Treatment Grants	Public Facilities Authority	Jeff Freeman	Statewide	\$ 1,500,000	---		\$ -	\$ -	Deleted/Modified by new sub 10		\$ -	\$ -	\$ -	Deleted		\$ -	\$ -	\$ -	Modified by new sub 10		
Wastewater Treatment Recommendations Subtotal =						\$ 1,500,000		\$ -	\$ -	\$ -			\$ -	\$ -	\$ -			\$ -	\$ -	\$ -			
Subd. 20 Transfers													Subd. 20 Transfers										
		Transfer from Sauk River ML 2019				\$ -	1	\$ (2,768,000)	\$ -	\$ (2,768,000)	Added	20	\$ (2,768,000)	\$ -	\$ (2,768,000)	Added	20a	\$ (2,768,000)	\$ -	\$ (2,768,000)	Added		
20	04a	Unprecedented Change Threatens Minnesota's Pristine Lakes	Science Museum of Minnesota	Mark Edlund	Central, NW, NE	\$ -	1	\$ 849,000	\$ -	\$ 849,000	Replaces and increases tent rec 04a by \$249k		\$ -	\$ -	\$ -		20a1	\$ 482,000	\$ -	\$ 482,000	Replaces and decreases 04a by \$118k		
		Wastewater Pond Optimization	Minnesota Pollution Control Agency														20a2	\$ 700,000	\$ -	\$ 700,000	Added	6/30/2024	
		NRRI-Mineral & Water Research (of this amount, \$300k is for sulfate tech; \$450k is for Char of Iron Resources)	Univ of MN														20a3	\$ 750,000	\$ -	\$ 750,000	Added	6/30/2024	
		Chloride Pollution Reduction (of this amount, \$250k is for grants for upgrading, optimizing, or replacing water softener units)	MN PCA														20a4	\$ 500,000	\$ -	\$ 500,000	Added	6/30/2024	
		CWD Prion Research in Soils	U of MN														20a5	\$ 336,000	\$ -	\$ 336,000	Added	6/30/2024	

**M.L. 2021 Environment and Natural Resources Trust Fund (ENRTF)
House, Senate, and Conference Comparisons to Projects Tentatively Recommended by LCCMR
2020 RFP (FY21)**

						LCCMR Tentative Recs (2020)	H.F. 1076 - Rep. Hansen (Author) As amended and passed on the House Floor 4/22/2021					S.F. 959 - Sen. Ingebrigtsen (Author) As amended and passed on the Senate Floor 4/19/2021				M.L. 2021, First Special Session, Chp. 6, Art. 5 Signed into law on 6/29/21						
Subd.	ENRTF ID	Title	Organization	Project Manager	Region*	Total ENRTF \$ FY2021	Subd.	ENRTF \$ FY2020	ENRTF \$ FY2021	TOTAL ENRTF \$	House Status compared to LCCMR tent. rec.	Subd.	ENRTF \$ FY2020	ENRTF \$ FY2021	TOTAL ENRTF \$	Senate Status compared to LCCMR tent. rec.	Subd.	ENRTF \$ Multiple FYs	ENRTF \$ FY2021	TOTAL ENRTF \$	First Special Session compared to LCCMR tent. rec.	Appropriation End Dates
		Transfer (est.) from unspent Minnesota Point Pine Forest Scientific and Natural Area Acquisition ML 2017															20b1**	\$ (380,000)		\$ (380,000)		
		Transfer from Developing RNA Interference to Control Zebra Mussels ML 2019															20b2	\$ (500,000)		\$ (500,000)		
20	---	Lawns to Legumes	BWSR	Dan Shaw	Statewide	\$ -	4	\$ 900,000	\$ 900,000	Added			\$ -	\$ -			20b**	\$ 880,000	\$ -	\$ 880,000	Added	6/30/2024
		Transfer (est.) from other small balances identified by Becca Nash email 6.10.21															20c1-8**	\$ (284,000)		\$ (284,000)		
		Emerging Issues Account	LCCMR														20c**	\$ 284,000	\$ -	\$ 284,000	Added	6/30/2024
20	---	Evaluating Coronavirus and Other Microbiological Contamination of Drinking Water Sources from Wastewater	U of MN	---	---	\$ -	2	\$ 699,000	\$ 699,000	Added			\$ -	\$ -				\$ -	\$ -	\$ -		6/30/2024
20	06b	Protect Community Forests by Managing Ash for Emerald Ash Borer	MN DNR	Valerie McClannahan	Statewide	\$ -	3	\$ 320,000	\$ 320,000	Increases tent rec 06b			\$ -	\$ -				\$ -	\$ -	\$ -		6/30/2024
		Water Volume, Quality, and Storage (new statute)	BWSR										\$ 2,768,000		\$ 2,768,000	Added		\$ -	\$ -	\$ -		
Transfers Subtotal =						\$ -		\$ -	\$ -	\$ -			\$ -	\$ -	\$ -			\$ -	\$ -	\$ -		
Total Project \$ =						\$ 61,387,000		\$ -	\$ 61,387,000	\$ 61,387,000			\$ -	\$ 61,387,000	\$ 61,387,000			\$ -	\$ 61,387,000	\$ 61,387,000		

* Region designated in the State include Statewide, Central, Metro, NE, NW, SE, SW. Metro region includes the 11 counties of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington, and Wright.

\$ 3,932,000

**Estimates, pending final close out of completing projects