

**2018 Environment and Natural Resources Trust Fund Proposals**  
**CUMULATIVE AVERAGE OF MEMBER RANKINGS - LISTED BY CATEGORY RANK - HIGH TO LOW**

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation	
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
4	<b>A. Foundational Natural Resource Data and Information (20 Proposals / Subtotal \$15,732,000)</b>																													
5	001-A	Minnesota Geological Survey Geologic Atlases for Water Resource Management Part-A	U of MN - MN Geological Survey Setterholm, Dale	Statewide	\$4,121,000	-\$4 million -\$2 million - Continue for 4 more years -\$4 million -Full fund -\$4 million -Project is on going and could be a place to not fund completely in order to fund other projects. -Full funding	6.53	9	9	9	9	9	9	9	9	9	8	8	6	5	5	4	3	0	0	17	0	-Continuation -Minnesota Geological Survey -M.L. 2017, Subd. 03a "County Geologic Atlases - Continuation", \$2,000,000, thru 6/30/2019 reduced from \$4,729,000 in 2017 legislative session -M.L. 2015, Subd. 03a "County Geologic Atlases - Part A", \$2,040,000, thru 6/30/2018 -M.L. 2013, Subd. 03b "County Geologic Atlases - Part A", \$1,200,000, completed 6/30/2016 -M.L. 2011, Subd. 03b "County Geologic Atlases for Sustainable Water Management", \$1,200,000, completed 6/30/2015 -M.L. 2010, Subd. 03a "County Geologic Atlases and Related Hydrogeologic Research", \$1,130,000, completed 6/30/2014		
6	002-A	County Geologic Atlas for Water Resource Sustainability Part-B	MN DNR Putzier, Paul	Statewide	\$2,400,000	-\$2 million -\$1 million - Useful long term project -\$2 million -\$2 million -\$2 million -Full funding	6.12	9	9	9	9	8	8	8	7	7	7	6	5	5	4	3	0	0	17	0	-Continuation -Budget includes \$125,159 proposed for DNR Direct & Necessary expenses -M.L. 2015, Subd. 03b "County Geologic Atlases - Part B", \$2,000,000, thru 6/30/2018 -M.L. 2013, Subd. 03b "County Geologic Atlases - Part B", \$1,200,000, thru 6/30/2017 -M.L. 2011, Subd. 03b "County Geologic Atlases for Sustainable Water Management", \$1,200,000, completed 6/30/2015 -M.L. 2010, Subd. 03a "County Geologic Atlases and Related Hydrogeologic Research", \$1,130,000,			
7	014-A	An Early Warning System for Wildlife Health Threats: Using Wildlife Rehabilitation Data to Monitor Wildlife Health	U of MN VanderWaal, Kimberly	Statewide	\$280,000	- Full funding	5.69	9	9	9	9	9	8	7	7	6	5	4	3	3	2	1	0	16	0	-Wildlife health monitoring -Budget includes \$83,000 for private company to develop an online tool for surveillance and alert system				
8	016-A	Conservation of Minnesota's Forest Birds of Management Concern	U of MN - Duluth NRRRI Grinde, Alexis	Regional	\$613,000	-\$600k -\$600k -\$600k	5.41	9	9	9	9	8	8	7	6	5	5	5	3	3	2	2	1	1	17	0	-Wildlife Research: a Warbler, Veery and a Woodcock species -Budget includes \$20,000 for VHF Radio receivers (4 at \$5,000 each) -Budget includes \$24,000 for drones ( 4 at \$6,000 each)			

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
9	006-A	Maximizing Wildlife, Water, and Productivity in Peatland Forests	U of MN Windmuller-Campione, Marcella	Regional	\$698,000	- Full funding -Full fund -\$600k, paper company should contribute -\$450k	5.29	9	9	9	8	8	7	7	6	6	5	4	4	4	3	1	0	0	17	0			
10	013-A	Assessing Ecosystem Services Provided by Lichens and Mosses	U of MN Stanton, Daniel	Statewide	\$213,000	- Full funding	5.29	9	9	8	7	7	7	6	6	6	5	5	5	4	3	2	1	0	17	0	-Wildlife Research: Lichens & Mosses		
11	003-A	Providing Critical Water Quality Information for Lake Management	U of MN Peterson, Jeffrey	Statewide	\$477,000	-\$400k -\$400,000 rivers and streams? -\$450k -\$400k	5.24	9	9	9	7	7	7	7	7	6	5	5	4	4	2	1	0	0	17	0	-UMN Water Resources Center		
12	011-A	Conserving Minnesota's Turtles through Research and Education	Minnesota Zoological Garden Stapleton, Seth	Regional	\$364,000	-\$300k -\$300k -\$300k	5.19	9	8	8	8	7	6	6	6	5	5	4	4	4	2	1	0	16	0	-Wildlife Research: Turtles -Budget includes \$20,500 for predator exclusion fencing and cameras -Budget includes \$14,000 for GPS Transmitters			
13	030-A	Data Acquisition to Develop Native Mussel Habitat Suitability	National Park Service Duncan, Nancy	Metro	\$309,000	-\$200k -\$200k and work with DNR -\$200k	5.19	9	8	8	7	7	7	7	5	4	4	4	4	3	3	3	0	16	0	-Wildlife Research: Mussels -High-Resolution Sonar Data acquisition -Budget not broken down very well			
14	004-A	Minnesota Biodiversity Atlas: Phase II Expansion	U of MN Weiblen, George	Statewide	\$496,000	-\$450k -\$400k	5.18	8	8	8	8	8	8	7	6	5	5	4	3	3	2	2	2	1	17	0	-Continuation -UMN Bell Museum of Natural History -M.L. 2015, Subd. 03d "Minnesota Biodiversity Atlas for Enhanced Natural Resource Management", \$340,000, thru 6/30/2018		
15	022-A	Variable Winter Thermal Regimes and Managing Trout Streams	U of MN Ferrington, Leonard	Regional	\$499,000	-\$400k -\$450k -\$400k	5.06	9	8	7	7	7	7	7	7	5	4	4	3	3	2	1	0	16	0	-Fisheries Research: Trout -Budget includes publication costs \$2,000			
16	018-A	Mapping Avian Movement in Minnesota	U of MN - Duluth NRRRI Niemi, Gerald	Statewide	\$682,000	-Full funding - Scalable -\$600k -\$600k	4.94	9	9	9	9	9	8	5	5	5	3	3	2	2	2	2	2	0	17	0	-Wildlife Research: Monitoring bird migration & Common Terns -Budget includes \$244,700 for equipment (sensors, antennae's, antennae's towers, transmitters, motus registrations)		
17	027-A	Foundational Assessment of Soil Health Metrics in Minnesota	U of MN Jelinski, Nicolas	Statewide	\$695,000	-\$500k -\$500k -\$400k	4.94	9	9	9	9	8	8	7	7	5	4	3	3	2	1	0	0	0	17	0			
18	008-A	Safeguarding Red Pine Forest Health and Productivity	U of MN Montgomery, Rebecca	Regional	\$420,000		4.65	9	9	7	7	7	7	6	5	4	4	4	3	3	2	2	0	0	17	0			
19	009-A	Minnesota Trumpeter Swan Migration Ecology and Conservation	U of MN Andersen, David	Statewide	\$389,000	-\$360k - US Fish and Wildlife just opened comment period for Trumpeter Swan hunting season -\$360k	4.47	9	8	8	7	6	6	5	5	5	4	4	3	2	2	2	0	0	17	0	-Wildlife Research: Trumpeter Swans		

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
20	017-A	Minnesota Soil Microbiomes: Foundational Database for Environmental Health	U of MN Kinkel, Linda	Statewide	\$924,000	-\$400k - Too ambitious, just focus on certain areas -\$400k and focus	4.38	9	8	7	7	5	4	4	4	4	4	3	3	3	2	2	1	16	0	-Budget includes \$12,316 for 20 cubic ft chest freezer -Budget includes purchase and maintenance of database server for \$34,000			
21	015-A	Restoring Prairie Biodiversity and Pollinator Habitat with Haying	Carleton College Daniel, Hernández	Regional	\$458,000		4.25	9	8	7	6	6	6	6	4	4	4	3	2	2	1	0	0	16	0	-Wildlife Research: Pollinators and birds			
22	007-A	Deer Movement Related to Potential CWD Prion Transmission	MN DNR Jennelle, Christopher	Regional	\$552,000	- Fee for deer hunters - Require matching funds from Game and Fish Fund - Full funding - No funding until cervid farms are outlawed	4.12	9	9	9	7	6	5	5	4	4	4	3	3	2	0	0	0	0	17	0	-Wildlife Research: Deer -LCCMR Emerging Issues Account award \$350,000 on 6/21/2017 thru 6/30/2018 -Budget includes \$72,000 for helicopter capture -Budget includes \$150,000 for Iridium satellite data acquisition -Budget includes \$218,206 for collars and monitoring equipment -Budget includes \$20,000 for spotter plane -Budget includes DNR Direct and Necessary expenses \$7,250		
23	028-A	Cover Crops for Wildlife Phase I	Pheasants Forever Inc Bruse, Tanner	Regional	\$346,000		3.81	9	8	8	7	5	4	4	4	4	3	3	2	0	0	0	0	16	0				
24	012-A	Forest Regeneration – Validating Operational Seed Zones	U of MN - Duluth Etterson, Julie	Statewide	\$796,000	- No mention of climate change, what is currently being done?	2.06	7	6	4	3	2	2	2	2	2	1	1	1	0	0	0	0	16	0				



Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
34	064-B	Unregulated Contaminants: Addressing Gaps in Drinking Water Protection	Minnesota Department of Health Robertson, Stephen	Statewide	\$2,107,000	- \$1 million - \$1 million - \$1 million - Not full amount - Cut by \$1 million - \$1 million - \$1 million	5.24	9	9	9	9	9	8	8	8	8	5	3	2	2	0	0	0	0	17	0	-Proposal lacks details -Staff score reflects lack of details -Budget includes \$1,130,400 for private analytical laboratories		
35	038-B	Biological Sulfate Removal for Wastewater Treatment in Minnesota	U of MN Behrens, Sebastian	Statewide	\$494,000		4.88	9	9	9	8	7	6	6	6	5	5	4	2	2	0	0	0	16	0	-Budget includes equipment for 6 bioreactors \$35,000 -Budget includes in-state conference and travel \$2,000			
36	045-B	Developing a Map of Arsenic Risk in Groundwater	U of MN Ng, G.-H. Crystal	Regional	\$550,000	- Full funding - Dept of Health? - Full fund	4.69	9	9	9	8	7	6	6	5	5	4	2	2	2	1	0	0	16	0	-Budget includes \$24,225 for 3 groundwater wells -Budget includes \$14,560 for sediment analysis at Lawrence Berkley National Lab (CA); instrumentation not available in-state			
37	042-B	Rapid Detection of Algal Toxins in Minnesota Lakes	U of MN - Duluth NRRI Bramburger, Andrew	Statewide	\$686,000		4.63	9	8	8	7	7	5	5	5	5	4	4	2	2	2	1	0	16	0	-Budget includes \$19,560 for a YSI EX02 Water Quality Sonde			
38	055-B	Working Farmlands: Targeting Alfalfa Production for Water Protection	U of MN Jordan, Nicholas	Regional	\$752,000	- Use native plants	4.50	9	9	9	9	7	6	6	5	3	2	2	2	2	1	0	0	16	0	-Budget includes \$15,000 for Process Equipment -Budget includes \$36,353 for travel -Budget includes \$3,500 for hosting forum speakers			
39	074-B	Minnesota's Coldwater Fish Decline: Causes and Solutions	U of MN - Duluth NRRI Reavie, Euan	Regional	\$789,000		4.31	9	9	6	6	6	6	6	5	3	3	3	2	2	1	1	1	16	0	-Wildlife Habitat Research: Coldwater fish -Budget includes \$3,184 for Minnesota Water Resources Conference			
40	036-B	Phosphorus Accumulating Fungi to Control Agricultural Runoff Pollution	U of MN Bushley, Kathryn	Statewide	\$361,000		4.19	9	9	8	5	5	4	4	4	3	3	3	3	3	2	1	1	16	0	-Wildlife Research: Mycorrhizal fungi			
41	057-B	Preventing Nitrate Contamination of Groundwater Using Perennial Grains	Minnesota Department of Agriculture Wagner, Margaret	Statewide	\$759,000	- Use native plants -\$500k	3.88	8	7	6	6	6	5	5	4	4	3	3	3	2	0	0	0	16	1	-Indicated to be Phase 1 (2 years) of a long-term (6-10 years) study to reduce groundwater nitrate contamination in high-risk, wellhead protection areas using intermediate wheatgrass -Budget not well broken down -Budget includes \$48,000 for land rental -Budget includes \$2,500 for publication costs			
42	072-B	Increasing Contaminants and Temperature Eliminate Minnesota Turtles	St. Cloud State University Kohno, Satomi	Statewide	\$248,000		3.75	9	7	7	6	6	5	4	3	3	2	2	2	2	1	1	0	16	0	-Wildlife Research: Turtles -Budget includes \$13,417 for Environmental chamber for egg incubation			
43	086-B	Optimal Configuration of Windbreaks for Agricultural Water Conservation	U of MN Ebtehaj, Ardeshir	Statewide	\$368,000		3.13	9	6	6	5	4	4	4	3	3	2	2	1	1	0	0	0	16	0	-Budget includes \$20,000 for H2O Open-path Gas Analyzer and 3-D Sonic Anemometer			

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation	
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
44	<b>C. Environmental Education (17 Proposals / Subtotal \$7,493,000)</b>																													
45	112-C	Get Outdoors After School!	Project Get Outdoors Inc Holger, Sara	Statewide	\$30,000	- Full funding -Full Fund	7.25	9	9	9	9	9	9	9	9	9	9	9	8	8	7	2	1	0	16	0	-Project time line is not correct (appears to begin July 2018 and ends June 2018) -Budget includes \$26,000 for Activity Backpacks & Outdoor Equipment Kits -M.L. 2010, Subd. 08h "Project Get Outdoors", \$15,000, completed 11/16/2010			
46	106-C	YES! Students Take on Minnesota Water Quality Challenge	Prairie Woods Environmental Learning Center Foster, Shelli-Kae	Statewide	\$213,000	- Full funding -Full fund -Clean Water Legacy	7.13	9	9	9	9	9	9	9	9	8	8	8	7	7	5	4	3	1	16	0	-Budget includes \$10,000 for Project Seed Funds which allows for teams to purchase materials and services necessary to initiate projects for water quality and conservation related projects, events, monitoring, testing and reporting. \$500/team x 10 teams = \$5,000 x 2 years = \$10,000 -M.L. 2016, Subd. 05c "Youth-Led Sustainability Projects in 50 Minnesota Communities - Phase III", \$400,000, thru 6/30/2018 -M.L. 2014, Subd. 09b "Youth-led Sustainability Initiatives in 40 Greater Minnesota Communities", \$350,000, completed 6/30/2016 -M.L. 2011, Subd. 08a "Youth-Led Renewable Energy and Energy Conservation in West and Southwest Minnesota", \$246,000, completed 6/30/2014			
47	109-C	Phase 2 Prairie Sportsman Statewide Environmental Education Project	Pioneer Public Television Bakken, Timothy	Statewide	\$300,000	- Full funding - Lead contamination story is needed -Full fund -\$250k	7.00	9	9	9	9	9	9	9	9	9	9	8	7	7	5	3	1	0	16	1	-Continuation -M.L. 2016, Subd. 05d " New Prairie Sportsman Statewide Broadcast Video Project", \$300,000, thru 6/30/2019			
48	099-C	Increasing Diversity in Environmental Careers: Fellowships, Internships, Mentorships	MN DNR Legato, Denise	Statewide	\$1,000,000	- Full funding -Could scale down and fund 40-50 students to start the program -Full fund	6.29	9	9	9	9	9	9	9	9	9	9	8	7	6	4	1	0	0	0	17	0	-Resubmitted proposal from 2017 -Budget was reduced from \$1,000,000 to \$487,000 in 2017 legislative session -Budget states "\$487,000 received in ML2017 Chp. 96; no funding will be expended until additional \$1 million is secured." from this proposal -Budget includes \$28,237 proposed for DNR Direct & Necessary expenses -M.L. 2017, Subd. 05b "Increasing Diversity in Environmental Careers", \$487,000, thru 6/30/2022		
49	120-C	Expanding Nature Knowledge and Experience in North Minneapolis	Minneapolis Parks and Recreation Board Pulscher, MaryLynn	Regional	\$865,000	-\$500k - Require 50/50 match -\$500k -\$500k	6.06	9	9	9	9	8	8	8	8	7	7	6	4	3	2	0	0	16	0	-Budget includes \$15,000 for outdoor equipment -Proposal budget is inconsistent with proposal sheet budget Activity 1 Proposal Budget is \$1,077,000 Activity 1 includes the in-kind funds so should be \$865,000				
50	102-C	Pollinator Ambassadors for Urban Gardens	U of MN Evans, Elaine	Statewide	\$421,000	-\$400k -\$400k -\$400k	5.94	9	9	9	8	8	8	8	8	7	7	6	6	1	1	0	0	16	0	-Budget includes \$111,146 for 30 Pollinator Ambassadors to train youth age 15-18 to gather data and information on urban pollinator plantings				

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
51	121-C	River Watch on the Minnesota River	Friends of the Minnesota Valley Suss, Ted	Regional	\$103,000	-\$100k - Need to include wildlife -\$100k -\$100k	5.81	9	9	8	8	8	8	8	8	7	7	7	5	4	3	1	1	0	16	0	-See 113-C "Minnesota River Education Model: Connecting Students to Watersheds" and 119-C "Minnesota River Water Quality Education" for similar proposal -Budget includes \$13,000 for 2 YSI Sonde Multi Function Water Monitoring Probes -Budget includes \$20,000 for 2 Minnesota River Basin Wide forums		
52	108-C	Preserve Resources by Expanding the State's Reuse Sectors	ReUSE Minnesota Thomas, Steve	Statewide	\$363,000	-\$250k -\$250k -\$250k	5.69	9	9	9	8	8	8	7	7	6	6	5	4	2	2	1	0	16	0	-Continuation -How does this relate to the proposal "Preserve Resources by Expanding the State's Reuse Sectors"? See proposal 164-E -M.L. 2015, Subd. 07c "Building Deconstruction to reduce Greenhouse Gas Emissions and Solid Waste", \$1,000,000, extended in 2017 session thru 6/30/2018			
53	127-C	Preparing Minnesotans for Changes in Wolf Management	International Wolf Center Kline, David	Regional	\$1,200,000	- Full funding -Full fund	5.56	9	9	9	9	8	8	8	8	7	7	7	0	0	0	0	0	0	16	1	-Construction of a Wolf Discovery Center -Budget not broken down well -Very little information or details in the proposal so it is difficult to rank		
54	101-C	Connecting Students with Watersheds through Hands-on Learning	Minnesota Trout Unlimited Lenczewski, John	Statewide	\$581,000	-\$400k -\$400k - Activity one (1) only -Not sure about the bus transportation -\$400k -\$400k	5.38	9	9	9	8	8	8	8	6	5	4	4	3	3	1	1	0	16	0	-Continuation -Budget includes \$44,050 for Aquarium equipment and maintenance -Budget includes \$35,000 for National Fishing in the Schools program -Budget includes \$100,800 for Bus transportation -Budget includes \$45,000 for Student Summits -M.L. 2015, Subd. 05b "Connecting Students with Watersheds through Hands-On Learning", \$400,000, thru 6/30/2018			
55	118-C	Morris Prairie Pollinator Demonstration and Education	U of MN Poppe, Steven	Central	\$681,000	-\$500k	5.00	9	9	9	9	9	7	6	5	5	4	3	2	2	1	0	0	16	0	-UMM Morris West Central Research and Outreach Center -Wildlife Restoration- Pollinators -Budget includes \$236,000 for shelters/kiosks/signs/benches and solar powered lights for roughly 1/2 mile trail -Budget includes \$5,000 for conference			
56	111-C	Youth Convening Minnesota	Climate Generation: A Will Steger Legacy Poppleton, Kristen	Statewide	\$300,000	- Full funding -Full fund	4.82	9	9	9	9	9	9	8	7	4	4	3	2	0	0	0	0	0	17	0	-Resubmitted proposal from 2017		
57	110-C	Unlocking the Science of Minnesotas Moose Decline	Minnesota Zoological Garden Mattson, Nicole	Statewide	\$300,000	-\$260k no moose sculpture -Re-instate wolf hunt -\$260k no statue -\$250k - statue to Arts Funding	4.56	9	8	7	7	6	6	6	5	5	4	4	3	2	1	0	0	16	0	-Budget includes \$70,500 for audio system -Budget includes \$12,000 for touchable artifacts -Budget includes \$40,000 for bronze moose calf sculpture			

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
58	115-C	Students Using Local Phenology Contributes to Citizen Science	U of MN Carlson, Stephan	Statewide	\$224,000	- Full funding	4.38	9	8	8	8	8	8	7	4	3	2	2	1	1	1	0	0	16	0	-Continuation -Budget includes \$19,000 for Signage for Phenology trails -Budget includes \$2,000 for Community Festival Nature Center events -Budget includes \$1,000 for conference presentation -M.L. 2014, Subd. 05e "Assessing Species Vulnerability to Climate Change Using Phenology", \$175,000, completed 6/30/2017			
59	103-C	Online Modules Build Local Capacity to Protect Groundwater	Minnesota Department of Health Raber, Carrie	Statewide	\$335,000		3.00	8	6	6	6	4	3	3	3	2	1	0	0	0	0	0	15	0					
60	114-C	Integrating Environmental Science Research in High School Education	U of MN Yakub, Mohamed	Statewide	\$445,000	-Stipends need to be clarified -Needs to be reworked-teachers can get training and work with students in summer project. -\$200k -I'd like to see them back next year if they could figure out the issues with the stipends and identify the research the teachers would be doing.	3.00	7	6	6	4	4	3	3	3	2	2	2	2	2	1	1	0	16	0	-What is the relationship with the "Providing enduring ecology experiences for all Minnesota middle-schoolers" proposal? See proposal 100-C -Budget includes \$12,000 for Highschool teachers @ conferences -Budget includes \$4,000 for substitute teachers -Budget includes \$200,000 for stipends to teachers			
61	116-C	Strengthening Natural Resources Management with Drone Training	U of MN Knight, Joseph	Statewide	\$132,000		2.75	8	7	6	4	4	3	2	2	2	2	1	1	1	1	0	0	16	0				

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
62	<b>D. Aquatic and Terrestrial Invasive Species (9 Proposals / Subtotal \$24,707,000)</b>																												
63	152-D	Evaluate Control Methods for Invasive Hybrid Cattails	Voyagers National Park Windels, Steve	Regional	\$131,000	- Full funding	6.24	9	9	9	9	9	9	9	8	6	6	5	5	5	4	2	2	0	17	0	-AIS: Hybrid Cattails -Budget includes \$46,460 for Kansas State Staff -Budget includes \$11,480 for Kansas State students -Budget includes \$8,000 for flight time for aerial muskrat and vegetation surveys -Budget includes \$2,000 for publication costs		
64	133-D	Developing RNA Interference Genetic Controls for Zebra Mussels	U.S. Geological Survey Merkes, Christopher	Statewide	\$716,000	- \$700k - May be the solution - \$700k - works needs to be somehow Minnesota based, otherwise there doesn't appear to be anything MN specific about this proposal (including a bulk of the \$\$ going to WI)	6.06	9	8	8	8	8	7	7	7	7	6	6	6	6	4	3	2	1	17	0	-Upper Midwest Environmental Sciences Center - USGS LaCrosse -AIS: Zebra Mussels -Mike McCarty UMN Minnesota Aquatic Invasive Species Research Center receiving \$15,000		
65	141-D	Palmer Amaranth Detection and Eradication Continuation	Minnesota Department of Agriculture Chandler, Monika	Statewide	\$431,000	-Fund detection	6.06	9	9	9	9	9	8	8	7	6	5	5	5	5	4	3	2	0	17	0	-Continuation of emerging issues allocation -LCCMR Emerging Issues Account award \$173,000 on 6/21/2017 thru 6/30/2018 -TIS-Palmer amaranth (plant) -M.L. 2016, Subd. 06e "Elimination of Target Invasive Plants - Phase 2", \$750,000, thru 6/30/2019 -M.L. 2013, Subd. 06d "Elimination of Target Invasive Plants", \$350,000, completed 6/30/2016		
66	132-D	Minnesota Invasive Terrestrial Plants and Pests Center 4	U of MN Venette, Robert	Statewide	\$7,000,000	-\$3.5 million -\$2 million -\$3.5 million -\$3 million -\$3 million	5.76	9	9	9	8	8	7	7	7	7	6	6	5	3	3	2	1	1	17	0	-Continuation -Terrestrial invasive species research -M.L. 2016, Subd. 06a "Minnesota Invasive Terrestrial Plants and Pests Center - Phase III", \$3,750,000, thru 2023 -M.L. 2015, Subd. 06a "Minnesota Invasive Terrestrial Plants and Pests Center", \$5,000,000, thru 6/30/2023 -M.L. 2014, Sec. 8 "Invasive Terrestrial Plants and Pests Center", \$1,460,000, thru 6/30/2022		
67	139-D	Determining Minnesota's Risk of a Toxic Algal Invader	Science Museum of Minnesota - St. Croix Research Station Heathcote, Adam	Statewide	\$243,000	- Full funding -Full fund -\$200k	5.41	9	8	8	8	7	7	7	7	7	7	4	4	4	2	2	1	0	17	0	-St. Croix Watershed Research Station -AIS: blue-green algae -M.L. 2016, Subd. 04a "Tracking and Preventing Harmful Algal Blooms", \$500,000, thru 6/30/2019 -M.L. 2015 Emerging Issues "Tracking and Preventing Harmful Algal Blooms", \$93,000 completed		

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation	
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
68	134-D	An Effective and Practical Invasive Carp Deterrent	U of MN Sorensen, Peter	Statewide	\$998,000	- Should be capitol bonding - Expensive equipment costs - Bonding?	5.35	9	9	9	9	8	8	7	6	6	5	4	3	3	2	1	1	1	17	0	-Continuation -AIS: Invasive Carp -Budget includes \$340,000 for 2 yr. lease for speaker system (with option to buy) -Budget includes \$10,000 for shipping FGS speak system from UK -M.L. 2014, Subd. 04a "Blocking Bighead, Silver and Other Invasive Carp by Optimizing Lock and Dams", \$854,000, completed 6/30/2017 -M.L. 2013, Subd. 06a "Attracting carp so their presence can be accurately assessed", \$682,969, thru 6/30/2019 -M.L. 2012, Sec. 3 "Aquatic Invasive Species (AIS) Cooperative Research Center; Appropriation",			
69	138-D	Monitoring and Biocontrol of Brown Marmorated Stink Bug	Minnesota Department of Agriculture Ambourn, Angie	Statewide	\$199,000	- Full funding	4.65	9	9	8	8	8	7	7	6	4	4	3	3	2	1	0	0	0	17	0	-Continuation -TIS Research: Brown marmorated stink bug -M.L. 2014, Subd. 04f, "Brown Marmorated Stinkbug Monitoring and Biological Control Evaluation", \$266,000, completed 6/30/2017 -2015 UMN Minnesota Terrestrial Invasive Plants and Pests Center "Early Detection, Forecasting and Management of the brown marmorated stink bug, Halyomorpha halys", \$597,795			
70	135-D	Slow the Spread of the Emerald Ash Borer	Minnesota Department of Agriculture Abrahamson, Mark	Statewide	\$14,689,000	-Did they get LSOHC \$. Can be scaled down. -Cut to \$5 million -No money for Activity 3	4.18	9	8	8	7	6	6	5	4	3	3	3	3	3	3	1	1	1	0	17	0	-Similar or identical to LSOHC proposal "Slow the Spread of the Emerald Ash Borer" for \$14,689,500 -Continuation -TIS: Emerald Ash Borer (EAB) -M.L. 2017, Subd. 06b "Emerald Ash Borer Biocontrol - Phase III", \$729,000, thru 6/30/2020		
71	147-D	Terrestrial Invasive Plant Detection Methods for Forest Lands	MN DNR Burks, Susan	Statewide	\$300,000		3.18	8	6	6	5	4	3	3	3	3	3	3	2	2	2	1	0	0	17	0	-TIS Plant detection methods: Buckthorn			

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
72	<b>E. Air Quality, Climate Change, and Renewable Energy (8 Proposals / Subtotal \$6,072,000)</b>																												
73	157-E	Agricultural Weed Control Using Robots	U of MN - Morris Reese, Michael	Statewide	\$600,000	-\$450k - No Toro funding. Toro 2016 net earnings \$231 million, sales \$2.4 billion, company worth \$6.7 billion -No \$ for Toro	6.69	9	9	9	9	8	8	7	7	7	7	7	6	6	6	2	0	16	0	-Resubmitted 2017 Proposal			
74	160-E	Cheap Solar Energy from Simple Roll-to-Roll Manufacturing	The University of Minnesota Cui, Tianhong	Statewide	\$388,000	-\$300k -\$300k -\$300k	5.94	9	8	8	8	7	7	7	7	7	7	6	6	6	5	3	0	0	17	0	-Resubmitted 2017 Proposal		
75	158-E	Clean Electricity from Solar Windows	U of MN Kortshagen, Uwe	Statewide	\$458,000	-\$450k look for potential industry match - Transmission is fuzzy -Needs match -\$400k and would like to see a corporate match	5.88	9	9	8	8	8	7	7	7	7	6	6	5	4	3	0	0	16	0	-Nanometer-sized silicon crystals are patented by UMN -Budget includes \$40,000 for custom build equipment			
76	164-E	Phase II- Reduce Solid Waste and Greenhouse Gas Emissions	The NetWork for Better Futures (D/B/A) Better Futures Minnesota Swaggert, Nick	Statewide	\$1,151,000	-\$1 million -Can reduce number of projects for less \$. -\$1 million -\$1 million	5.81	9	8	8	8	8	8	8	7	7	7	7	6	1	1	0	0	16	0	-Continuation -How does this relate to the proposal "Preserve Resources by Expanding the State's Reuse Sectors"? See proposal 108-C -Budget includes \$200,000 to provide financial incentives for municipalities in 3 counties -M.L. 2015, Subd. 07c "Building Deconstruction to Reduce Greenhouse Gas Emissions and Solid Waste", \$1,000,000, thru 6/30/2018			
77	159-E	Community-Scale Energy Storage Guide for Renewable Energy	U of MN Anderson, Ellen	Statewide	\$625,000	- Full funding -Full funding	5.44	9	9	9	9	9	9	8	8	7	5	3	2	0	0	0	0	16	0	-Resubmitted 2017 proposal -Budget includes \$300,000 for Energy Storage Systems as demonstration projects (3) -Budget includes \$3,040 for ineligible office supplies			
78	169-E	Bringing Geothermal Power to MN: CO2 Power-System Test	TerraCOH Inc. Randolph, Jimmy	Metro	\$315,000	Grid scale storage - GRE or Xcel should pay for demonstration	2.88	9	9	8	7	5	4	3	3	1	0	0	0	0	0	0	0	0	17	0	-Continuation -How does this relate to the proposal "Field testing/demonstration of novel ground source heat pump"? See proposal 165-E -Holds patented technology already -Budget includes \$12,000 for facility rental -Budget includes \$8,000 for system installation -Budget includes \$75,000 for power system -M.L. 2014, Subd. 08b "Innovative Groundwater-Enhanced Geothermal Heat Pump Study", \$1,000,000, thru 6/30/2017		

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
79	174-E	Production and Utilization of Biomass: St. Louis County	St. Louis County Land & Minerals Dept Weber, Mark	Regional	\$2,285,000	-Lidar only	2.18	9	8	5	3	3	2	2	2	1	1	1	0	0	0	0	0	0	17	0	-Budget includes \$1,337,7000 for LiDAR and DEM datasets for St. Louis County -Budget includes \$1,736,500 for equipment: -\$120,000 for Seedlings -\$690,000 for insulated buildings (Cook and Ely) -\$74,000 for pellet bins (2) -\$740,000 for 5 million BTU boilers (2) -\$81,600 for 5% contingency		
80	166-E	Life Cycle Analysis of Anaerobic Digestion and Organics	Minnesota Pollution Control Agency Walsh, Kayla	Statewide	\$250,000		1.29	8	3	3	2	2	2	2	0	0	0	0	0	0	0	0	0	0	17	0	-Budget is \$250,000 for a RFP to conduct Life Cycle Assessment -Unclear whether project length is 2 or 3 years		

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
81	<b>F. Methods to Protect, Restore, and Enhance Land, Water, and Habitat (16 Proposals / Subtotal \$23,350,000)</b>																												
82	195-F	Replacing Plastic Cover in Vegetable Production with BioMulch	U of MN Pagliari, Paulo	Statewide	\$310,000	-\$260k - Hope it doesn't attract wildlife -\$250k	7.18	9	9	9	9	9	8	8	8	8	7	7	7	6	5	5	5	3	17	1	-Agricultural Utilization Research Institute		
83	182-F	Restoring Minnesota's Forests in State Parks	MN DNR Quinn, Edward	Statewide	\$432,000	-\$240k -\$250k -\$250k -\$250k	5.47	9	8	7	7	7	7	7	6	6	6	5	5	5	5	3	0	0	17	0	-\$1,000 per acre for restoration costs -Budget includes \$250,000 in contracts -Budget includes \$150,000 in supplies -Budget includes \$12,240 proposed for DNR Direct & Necessary expenses		
84	179-F	Preserving and Restoring Minnesota's Native Orchids – Phase 2	U of MN Remucal, David	Statewide	\$468,000	-\$260k - Just activity 1 - Just activity 1 -\$260k -Just Activity 1, \$250k -Activity 1	5.41	9	9	9	9	8	8	8	7	6	5	3	3	2	2	2	1	1	17	0	-Continuation -MN Landscape Arboretum -M.L. 2015, Subd. 08c "Preserving and Protecting Minnesota Native Orchid Species", \$167,000, thru 6/30/2018		
85	186-F	Restoring Wetland Invertebrates to Revive Wildlife Habitat	MN DNR Larson, Danelle	Statewide	\$417,000	-\$400k -\$400k -\$400k	5.29	9	9	9	8	8	7	7	7	7	5	4	4	3	2	1	0	0	17	0	-Wildlife Research: Amphipods -Stocking of amphipods -Budget includes \$10,000 for conferences -Equipment and Tools needs better breakdown for \$10,000 and \$40,000 -Budget includes \$10,000 for paper, envelopes, post cards -Budget includes \$8,000 for publication costs in open-access journals (4 @ \$2,000) -Budget includes \$10,485 proposed for DNR Direct & Necessary expenses		
86	187-F	Implementing Novel Market-based Methods for Urban Habitat Restoration	Great River Greening Hockett, Steven	Metro	\$499,000	-\$275k -\$250k -\$250k -\$250k	5.24	9	8	8	8	7	7	7	7	6	5	5	3	3	2	2	1	1	17	0	-To restore 450 acres -Budget includes \$247,000 for seed for 415 acres -Budget includes \$2,700 for Volunteer Event supplies and rentals -M.L. 2017, Subd. 08i "Community Stewardship to Restore Urban Natural Resources - Phase Ten", \$524,000, thru 6/30/2020 -M.L. 2016, Subd. 08g "Upland, Wetland, and Shoreline Restoration in Greater Metropolitan Area", \$509,000, thru 6/30/2019		
87	178-F	Nongame Wildlife Program Acceleration	MN DNR Henderson, Carrol	Statewide	\$2,000,000	-\$1.25 million -\$1 million -\$1 million -Possibly reduce \$ amount. -\$1 million -\$1 million	5.06	9	9	9	9	9	8	8	7	6	3	3	3	2	1	0	0	0	17	0	-Budget includes \$45,622 proposed for DNR Direct & Necessary expenses		
88	191-F	Are We Turning Wild Prairie Plants into Crops?	U of MN - Duluth Haines, Dustin	Statewide	\$555,000	-\$500k -\$500k -\$500k	4.94	9	9	8	8	7	7	7	7	5	4	3	3	3	2	1	1	0	17	1			

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
89	183-F	Sediment Hazards to Trout in Southeast Minnesota Streams	U of MN Wickert, Andrew	Regional	\$337,000	-\$210k -\$200k	4.35	7	7	7	7	7	7	6	5	3	3	3	3	3	3	2	1	0	17	0	- St. Anthony Falls Laboratory-UMN -Wildlife Research: Trout -Budget includes \$3,000 for publication costs		
90	189-F	Increasing Timber Availability and Habitat with Soil Management	U of MN Slesak, Robert	Statewide	\$396,000	-\$325k - Timber industry input? -\$350k -\$300k	4.24	9	8	8	7	7	7	5	5	3	3	3	2	2	2	1	0	0	17	0	-Budget includes \$25,000 for mobile soil pressure apparatus		
91	180-F	Show Me the Money: 10 Markets for Perennials	Science Museum of Minnesota - St. Croix Research Station Schottler, Shawn	Statewide	\$347,000	-\$300k	3.94	9	9	8	6	6	6	5	5	3	3	2	2	2	1	0	0	0	17	0	-St. Croix Watershed Research Station		
92	188-F	Converting Agricultural Wastes into Energy, Polymers, and Fertilizers	U of MN Pagliari, Paulo	Statewide	\$949,000	Need results of first project on conversion	3.82	9	8	7	6	5	5	4	4	4	3	3	3	2	2	0	0	0	17	0	-Awaiting on results of phase I 2014 appropriation -Budget includes \$80,000 equipment for (4) reactors -Budget includes \$150,000 equipment for ammonia reactor -M.L. 2014, Subd. 08f "Clean Water and Renewable Energy from Beet Processing Wastewater and Manure", \$400,000, completed 6/30/2017		
93	196-F	Okabena Creek Water Quality and Flood Protection Demonstration	Heron Lake Watershed District Voit, Jan	Regional	\$720,000	- Match from those who benefit?	3.82	9	9	7	7	6	5	5	5	5	3	2	1	1	0	0	0	0	17	0	-Conservation easement acquisition of 12 acres @ \$6,500 per acre -Ditch restoration -5 acre two-stage ditch and 7-acre pond -Budget includes \$10,000 for Educational outreach materials -Budget includes \$40,000 for monitoring structures (4)		
94	184-F	Repurposing Unprofitable Cropland: Water and Wildlife's Silver Bullet?	Science Museum of Minnesota - St. Croix Research Station Ulrich, Jason	Statewide	\$319,000		3.71	7	7	6	6	6	5	4	4	4	3	3	3	3	1	1	0	0	17	0	-St. Croix Watershed Research Station		
95	185-F	Advancing Streambank Protection Systems	U of MN Guala, Michele	Statewide	\$286,000	-\$200k	3.59	9	8	8	8	7	5	5	3	3	2	2	1	0	0	0	0	0	17	0	-St. Anthony Falls laboratory-UMN -Secured provisional patent already -Budget includes prototype components for \$30,000		
96	190-F	Working Conservation Lands for Grazing, Harvest, and Habitat	Board of Water and Soil Resources Rhees, Suzanne	Regional	\$315,000	- Done this	3.35	9	7	6	5	5	5	5	5	4	3	1	1	1	0	0	0	0	17	0			

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation	
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
97	194-F	MN CREP for Water Quality and Habitat	Board of Water and Soil Resources Rickert, Dave	Regional	\$15,000,000	- \$2 million - Bondable, supplant, already received \$5 million from this year's budget - Not full amount - Cut to \$5 million	3.06	9	9	9	7	5	5	5	2	1	0	0	0	0	0	0	0	0	0	17	0	-Similar or identical to LSOHC proposal "RIM Wetlands Phase IX" for \$20,000,000 and "RIM Buffers for Wildlife and Water Phase VII" for \$8,000,000 -Acquire Conservation Easements (402 easements; 6,594 acres) -\$14,375,400 for 6,954 acres @ \$2,180 per acre -Secured USDA Funds \$39,522,200 -5 years to complete -Budget includes Direct Support Services \$220,000, with no information as to what the \$ go to		

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
98	<b>G. Land Acquisition for Habitat and Recreation (13 Proposals / \$29,538,000)</b>																												
99	207-G	Harmony State Trail Extension Land Acquisition	City of Harmony Illg, Jerome	Regional	\$235,000	- Full funding -Full funding	8.12	9	9	9	9	9	9	9	9	9	8	8	8	8	8	7	5	5			-State Trail Segment Extension -Fee Title Acquisition of 16 parcels totaling 25 acres		
100	205-G	Mesabi Trail, County Road 88 to Ely Segment	St. Louis & Lake Counties Regional Railroad Authority Manzoline, Robert	Regional	\$600,000	-\$500k -\$600k -Add \$600k for Lamppa corner...We need to get this off our plate and get it done before costs escalate	7.41	9	9	9	9	9	9	8	8	8	8	8	7	7	6	5	5	2			-Continuation -M.L. 2017, Subd. 09g "Mesabi Trail Development", \$2,269,000, thru 2020 -M.L. 2016, Subd. 09e "Mesabi Trail Segment from Highway 135 to Town of Embarrass", \$1,200,000, thru 6/30/2019 -M.L. 2015, Subd. 09i "Mesabi Trail Development Soudan to Ely - Phase II", \$1,000,000, thru 6/30/2018 -M.L. 2014, Subd. 07c "Mesabi Trail Development - Soudan to Ely Segment", \$1,000,000, completed 6/30/2017		
101	202-G	Minnesota State Trails - Development and Enhancement	MN DNR Skaar, Kent	Statewide	\$5,000,000	-\$2.5 million -\$2 million -\$2 million - Not regionally balanced; need projects in South and SW -Projects are ready to go -\$2 million -\$2 million	7.35	9	9	9	9	9	9	8	8	8	8	8	8	8	5	5	4	1	17	0	-Gateway State Trail – North St. Paul -Gitchi Gami State Trail – Tofte -Paul Bunyan State Trail – Bemidji -Gateway State Trail – St. Paul -Heartland State Trail – Cass County -Gitchi Gami State Trail – Silver Bay -Budget includes \$59,176 proposed for DNR Direct & Necessary expenses -M.L. 2017, Subd. 09d "Minnesota State Trails Acquisition, Development and Enhancement", \$1,038,000, thru 6/30/2020		
102	201-G	Local Parks, Trails and Natural Area Grants	MN DNR Mularie, Audrey	Statewide	\$3,000,000	-\$2 million not for ball fields -\$2 million -\$1 million -Cut to \$1.5 million -No athletic fields -\$1 million and no \$ for outdoor recreation grants	7.00	9	9	9	9	9	9	8	8	7	7	7	7	6	5	4	3	3	17	0	-25 Matching Grants -Budget includes \$6,907 proposed for DNR Direct & Necessary expenses -M.L. 2011, Subd. 04d "Regional Park, Trail and Connections Acquisition and Development Grants", \$2,000,000, completed 6/30/2013		
103	213-G	A Local-State-Federal Partnership Protects multiple public benefits on the Mississippi River	City of Baxter Doty, Josh	Regional	\$700,000	- Full funding -\$600k good river habitat -Full fund	6.94	9	9	9	9	9	8	8	8	8	7	7	5	5	5	5	4	3			-200 acres of fee title acquisition		
104	209-G	Superior Hiking Trail Enhancement Plan	Superior Hiking Trail Association Caneff, Denny	Regional	\$100,000	- Full funding	6.88	9	9	9	9	8	8	8	8	8	8	7	6	6	5	5	4	0			-M.L. 1991, Subd. 03b "Superior Hiking Trail", \$400,000, completed -Past ENTRF Appropriation 1989 \$156,000 -Past ENTRF Appropriation 1987 \$380,000		

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation		
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17							
105	208-G	Mississippi Blufflands State Trail - Red Wing Riverfront	City of Red Wing Owens, Jay	Regional	\$920,000	-\$600k -\$500k -\$500k	6.47	9	9	8	8	8	8	8	8	8	8	7	7	7	5	5	5	4	3	1			-State Trail Segment -Construction of 0.75 mile, 12 foot wide recreational trail segment -Secured \$1,655,667 in other funding from City of Red Wing General Fund and FHWA Scenic Byways Planning TAP funding		
106	199-G	SNA Habitat Restoration, Public Engagement, and Strategic Acquisition	MN DNR Pierce, Ann	Statewide	\$6,760,000	-\$3.25 million -\$1 million -\$3 million -Cut to \$3 million -\$3 million -\$3 million	6.35	9	9	9	9	9	9	9	9	9	9	8	7	6	5	3	3	2	2	0	17	0	-Similar or identical to LSOHC proposal "DNR WMA and SNA Acquisition Phase X" for \$5,934,700 includes only 25% for acquisition of SNA approximately 250 acres -Continuation -Fee Title Acquisition of 700 acres and Restoration of 1,000 acres -Budget includes \$144,265 proposed for DNR Direct & Necessary expenses -\$5857 per acre for 700 acres of fee title acquisition -M.L. 2017, Subd. 09b "Scientific and Natural Areas Acquisition, Restoration, Citizen Science and Engagement", \$2,500,000, thru 2020 reduced from \$4,500,000 in 2017 legislative session -M.L. 2016, Subd. 09a "Scientific and Natural Area Acquisition and Restoration", \$1,386,000, thru 6/30/2019 -M.L. 2015, Subd. 09c "SNA Acquisition, Restoration, Enhancement and Public Engagement", \$4,000,000, thru 6/30/2019 -M.L. 2014, Subd. 07a "Scientific and Natural Area Acquisition, Restoration, Improvement and Citizen Engagement", \$2,540,000, completed 6/30/2017		

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
107	203-G	Private Native Prairie Conservation through Native Prairie Bank	MN DNR Schulte, Judy	Regional	\$2,477,000	- \$2.6 million - \$2,477,000 - \$2.5 million - At reduced requested amount \$2.5 - \$2.5 million - \$2.5 million	6.24	9	9	9	8	8	8	8	8	7	7	7	6	5	4	3	0	0	17	0	-Similar or identical to LSOHC proposal "Accelerated Native Prairie Bank Protection Phase VII" for \$8,000,000 -Continuation -Conservation Easements and Restoration -Budget includes \$300,000 for Conservation Easement Stewardship account -Budget includes \$30,000 for MNIT Services for Prairie Tax Exemption Database for county assessor access -Budget includes \$125,371 proposed for DNR Direct & Necessary expenses -\$4113 per acre for 600 acres of easements -\$1359 per acre for 870 acres of enhancement & restoration -M.L. 2017, Subd. 09e "Native Prairie Stewardship and Prairie Bank Easement Acquisition", \$2,657,000, thru 6/30/2020 reduced from \$3,500,000 in 2017 legislative session -M.L. 2015, Subd. 09d "Native Prairie Stewardship and Prairie Bank Easement Acquisition" = \$3,325,000, thru 6/30/2018 -M.L. 2013, Subd. 04c "Native Prairie Stewardship and Prairie Bank Easement Acquisition", \$750,000, completed 6/30/2016		

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation	
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
108	200-G	Minnesota State Parks and State Trails Land Acquisition	MN DNR Christie, Jennifer	Statewide	\$5,000,000	- \$3 million - \$2 million - \$2.5 million - Looks like a land grab - \$2.5 million - \$2 million	5.88	9	9	9	9	9	9	9	9	8	7	7	6	5	2	1	1	0	0	17	0	-Continuation -Fee Title Acquisition of 163 acres -Tettegouche State Park 7 acres -Sibley State Park 16 acres -Minneopa State Park 80 acres -Goodhue-Pioneer State Trail 60 acres -M.L. 2017, Subd. 09c "Minnesota State Parks and State Trails Land Acquisition", \$1,500,000, thru 6/30/2020 -M.L. 2015, Subd. 09a "State Parks and State Trails Land Acquisitions", \$1,500,000, completed 6/30/2016 -M.L. 2013, Subd. 04a "State Parks and State Trails Land Acquisition", \$1,000,000, completed 6/30/2016 -M.L. 2011, Subd. 04b "State Parks and State Trails Land Acquisition", \$3,000,000, completed 6/30/2015 -M.L. 2010, Subd. 04d "State Park Land Acquisition", \$1,750,000, completed 6/30/2013		

Line #	LCCMR ID #	Project Title	Organization Project Manager	Region of Impact	\$ Request	Member Notes [Compiled from all members. Notes from individual members are designated with dashes]	Average Score - Members that Scored	All Member Scores - High to Low																	# Members that Scored	# Members with Conflict	Staff Notes	SELECTED	LCCMR Recommendation
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
109	215-G	Prioritize and Target North-Central Minnesota Lakes for Protection	Crow Wing SWCD Barrick, Melissa	Regional	\$1,492,000	-\$1 million -Get a match first before funding -Needs some funding from locals. If Crow Wing doesn't want to provide \$ - give reduced amount to Aitkin if they are willing to provide some local \$ -\$1 million -\$1 million and needs a match for the rest of the funds	5.71	9	9	8	8	7	7	7	7	6	6	6	5	4	3	2	2	1	17	0	-Conservation Easements -Crow Wing & Aitkin Soil and Water Conservation Districts -Permanently protect estimated 540 acres (\$2,407 per acre) -Budget includes \$4,300 for miscellaneous supplies -Budget includes \$117,000 for Easement Stewardship to BWSR -Budget includes BWSR Direct Support Services budget has no detailed information and generally these are ineligible expenses -M.L. 2016, Subd. 08f "Forest Management for Mississippi River Drinking Water Protection", \$300,000, thru 6/30/2019 -No accomplishments from current project to date		
110	212-G	Swedish Immigrant Trail Segment within Interstate State Park	Chisago County Environmental Services Mork, Laird	Regional	\$2,254,000	-Want to see results of cultural assessment first	5.18	9	9	9	9	9	8	7	7	5	5	4	3	2	1	1	0	0	17	0	-Concern about putting a trail through a culturally sensitive area and a State Park -Budget includes Bridge Construction \$950,000 -Budget includes Trail Construction \$852,612 -Regional Trail through Interstate Park		
111	214-G	Mississippi Riverfront Redevelopment Project	City of Brainerd Thoreen, Jim	Regional	\$1,000,000	-Needs some local funding.	2.29	9	8	5	5	4	2	2	2	1	1	0	0	0	0	0	0	0	17	0	-Could be eligible for Local DNR Park Grant -Proposed phase 1 of the Mississippi Redevelopment Project -Planning, Design, Engineering only - no implementation -Budget includes \$70,000 for unknown allocation		
112	<b>H. Other (1 Proposals / \$135,000)</b>																												
113		Contract Agreement Reimbursement	MN DNR [Sherman-Hoehn, Katherine]	Statewide	\$135,000																			0	0	-Continuation -Appropriation to the DNR for fiscal services as directed by the LCCMR for ENRTF contract management of nonstate appropriations -M.L. 2016, Subd 10a "Contract Agreement Reimbursement", \$135,000, thru 6/30/2018 -M.L. 2015, Subd. 11b "Contract Agreement Reimbursement", \$135,000 completed 6/30/2017 -M.L. 2014, Subd. 10a "Contract Agreement Reimbursement", \$135,000 completed 6/30/2016 -M.L. 2013, Subd 08b "Contract Management", \$135,000 completed 6/30/2015			